玫德集团 MEIDE GROUP | MECH

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(2025-03)

MEIDE ARCHUNG

PIPE HANGERS & SUPPORTS

玫德集团 MEIDE GROUP | MECH

COMPANY PROFILE

Meide Archung Group Co., Ltd. is a national high-tech enterprises which was established in 2003. The company is mainly engaged in the R&D, manufacture, sales and services of stainless steel water pipe, gas pipeline, bracket, seismic stabilizer bracket, utility tunnel system and such mechanical and electrical products. Meide Archung has founded two modern production bases.One is located in Deqing, Guangdong Province ,with one hundred acres;the other is located in Hebi, Henan Province with 150 acres.

Meide Archung has established a professional technical team for product development and production since 2000. In 2001, Meide Archung has invented a new generation of double-press extrusion pipe fittings on independent innovation, making the company become the first one who successfully applies the R&D achievements into projects. The company owns independent intellectual property of it. Meide Archung is the drafter and participator of national standard (chief editor of seven national standard and editor of thirteen national standard). Meide Archung also owns thirty-six technical patents which are insured by China Taiping Insurance Group Ltd..

Nowadays, people have a higher requirement standard on architecture's safety and design along with the development of construction industry. The apply of seismic support&hanger and pre-buried channel are now getting more and more popular. In 2015, Meide Archung has developed a professional team to engaged in the R&D and manufacture in seismic support&hanger and pre-buried channel for this purpose.

After years of technical accumulation and the application of thousands projects, Meide Archung is awarded as the National High-Tech Enterprise of China, the National Outstanding Contribution Enterprises and the High-Tech Enterprise of Shenzhen City. The company is also awarded as AAA+ Class China Quality Credit Enterprises, AAA Class Enterprise Credit, China Industry Famous Brand, Top 500 quality in China, Top 10 quality brands in Chinese industry and and other honorary titles by provincial, municipal governments.

PROFESSIONAL CASTING QUALITY

ADVANTAGES:

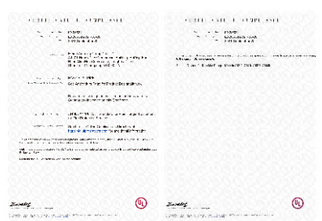
1.Automatic production line, standard manufacture process;
2.Using machine to weld, quality assurance, beautiful welding line;
3.Using special machine to produce standard product;
4.Complete testing equipment to ensure the physical properties of raw materials, finished products and semi-finished products;
5.Automatic hot-dip line guarantees the coating quality of the product.

03

04

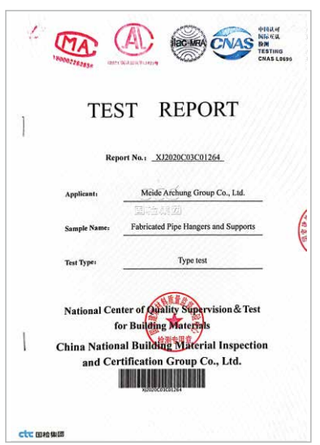
Qualification Honors

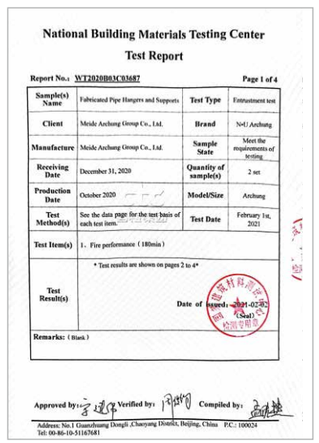
Meide Archung adhere to the principle of honest management, quality first, service first, with practical actions, 13 years of accumulation has been recognized by the industry and authorities, has won a lot of honors.
In the future, Meide Archung will stick to the original intention, continue to work hard, with technical strength as the guarantee, will provide high quality products, best quality service to the community and our customers.

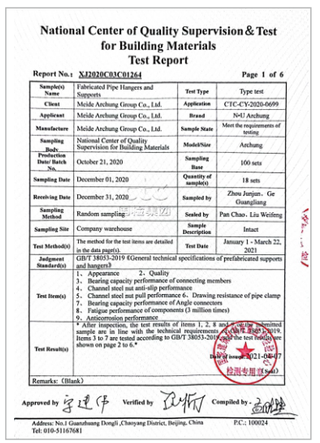


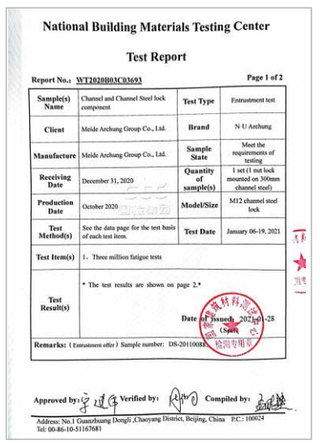
Quality Inspection

In order to ensure the fairness and authority of the product quality inspection results, products of Meide Archung are irregularly inspected by national testing institution to guide the stability and improvement of product quality. The main test contents are: compression resistance, tensile strength, shear performance, salt spray anti-corrosion testing, fire proof performance testing, material testing, etc. The inspection results show that Meide Archung's products have reached or exceeded the relevant standards.









Product applications and services

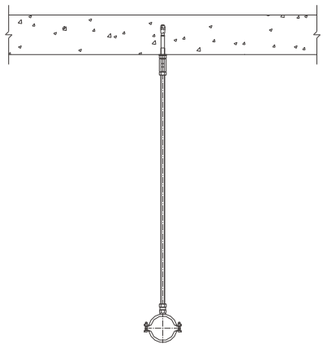
Product performance of finished bracing

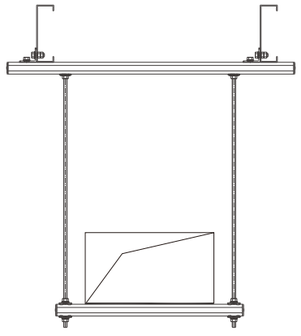
The finished bracing is a popular form of mechanical and electrical product in modern building construction. It replaces the traditional angled iron support, and the factory prefabricated type channel and various connecting pieces, which are assembled at the construction site. It is mainly used in the comprehensive arrangement and installation of mechanical and electrical engineering facilities such as building water supply and drainage, fire control, heat supply, ventilation, air conditioning, gas, heat, and strong and weak electricity.
The finished bracing of Meida Archung has the following characteristics:
1.Serrations on the edge of the channel make it to be shear resistant , slip resistant, shock resistant
2. Using Q235B material, the surface is galvanized to resist corrosion , and has long service life.
3. The thickness of galvanized zinc layer is more than 10um, and the thickness of hot galvanized zinc layer is more than 65um.
4. Prefabrication of finished products; assembly at construction site, can be secondarily dismantled and altered or reused.
5. Flexible assembly, no welding or drilling required, saving labor force and time
6. Tested by professional testing institution;reliable quality
7.By design integration, the support is evenly distributed, saving space, and has a fashion beauty

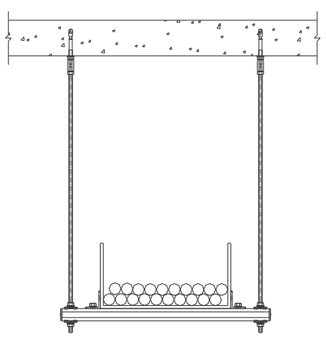
Technical Services

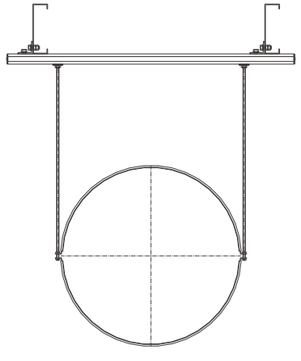
Meide Archung's excellent technical team provides professional technical consultation, secondary deepening of construction drawings, comprehensive arrangement of pipeline supports, load calculation of the supporting system, optimization of the bill of materials, and complete tracking of the construction process to ensure the successful installation and delivery of the finished mechanical and electrical support system

Schematic diagram of flexible finished bracing

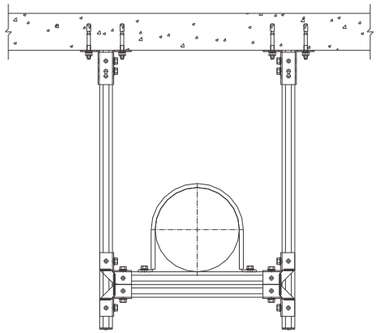


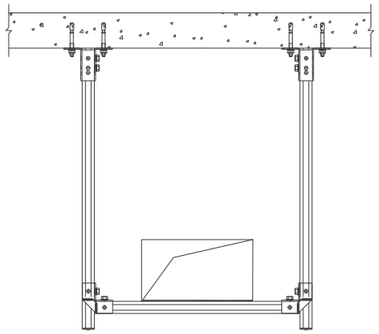


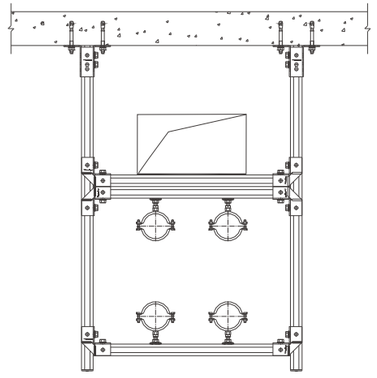


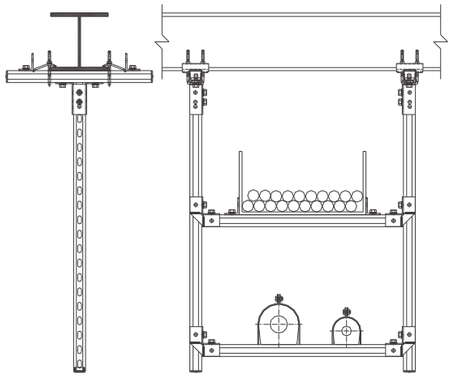


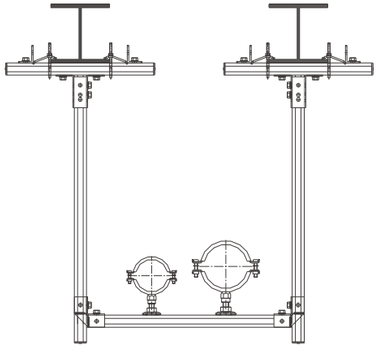
Schematic diagram of rigid finished bracing

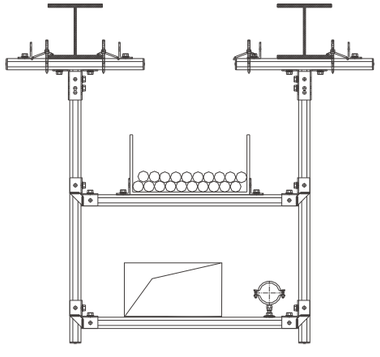












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HEX HEAD BOLT
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6FLM
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FLM
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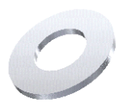

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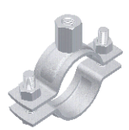

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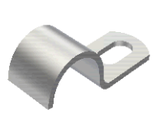

GJD
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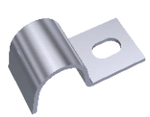

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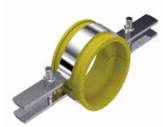

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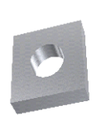

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MXZJ
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B
STEEL PLATE
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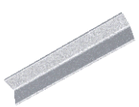

JT1
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QZJ2
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SCJTJ
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DHP
SHORT STEEL CEILING PLATE
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FXDP
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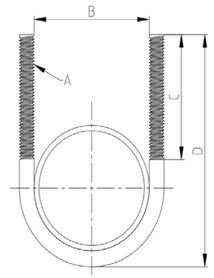
THREADED ACCESSORIES

U-BOLT

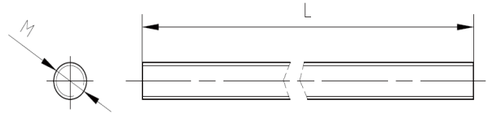


- **Function:** Designed for use as a support, anchor, or guide for various types of pipe.
- **Material:** Carbon steel
- **Finish:** Electro-galvanized
- **Approvals:** Complies with Manufacturers'Standardization Society ANSI/MSS SP-58 (Type 24) which supersedes ANSI/MSS SP-69.
- **Maximum Temperature:** 399° C(750° F)
- **Ordering:** Specify the size and number of matching nuts and washers.

Item	Size	A			B		C		D		Max. Rec. Load 343°C (650°F)			Max. Rec. Load 399°C(650°F)		
		mm	in	in	mm	in	mm	in	mm	in	Lbs	Kg	N	Lbs	Kg	N
UXS	1/2"	M6	1/4-20UNC	1/4-20BSW	23.81	15/16	60.33	2-3/8	85.73	3-3/8	580	261	2580	454	204	2020
UXS		M10	3/8-16UNC	3/8-16BSW	23.81	15/16	60.33	2-3/8	85.73	3-3/8	1460	657	6490	1143	514	5090
UXS	3/4"	M6	1/4-20UNC	1/4-20BSW	28.58	1-1/8	60.33	2-3/8	88.9	3-1/2	580	261	2580	454	204	2020
UXS		M10	3/8-16UNC	3/8-16BSW	28.58	1-1/8	60.33	2-3/8	88.9	3-1/2	1460	657	6490	1143	514	5090
UXS	1"	M6	1/4-20UNC	1/4-20BSW	34.93	1-3/8	60.33	2-3/8	92.08	3-5/8	580	261	2580	454	204	2020
UXS		M10	3/8-16UNC	3/8-16BSW	34.93	1-3/8	60.33	2-3/8	92.08	3-5/8	1460	657	6490	1143	514	5090
UXS	1-1/4"	M6	1/4-20UNC	1/4-20BSW	42.86	1-11/16	57.15	2-1/4	104.78	4-1/8	580	261	2580	454	204	2020
UXS		M10	3/8-16UNC	3/8-16BSW	42.86	1-11/16	57.15	2-1/4	104.78	4-1/8	1460	657	6490	1143	514	5090
UXS	1-1/2"	M6	1/4-20UNC	1/4-20BSW	50.8	2	63.50	2-1/2	109.54	4-5/16	580	261	2580	454	204	2020
UXS		M10	3/8-16UNC	3/8-16BSW	50.8	2	63.50	2-1/2	109.54	4-5/16	1460	657	6490	1143	514	5090
UXS	2"	M6	1/4-20UNC	1/4-20BSW	61.91	2-7/16	63.50	2-1/2	123.83	4-7/8	580	261	2580	454	204	2020
UXS		M10	3/8-16UNC	3/8-16BSW	61.91	2-7/16	63.50	2-1/2	123.83	4-7/8	1460	657	6490	1143	514	5090
UXS	2-1/2"	M10	3/8-16UNC	3/8-16BSW	74.61	2-15/16	76.20	3	146.05	5-3/4	1460	657	6490	1143	514	5090
UXS		M12	1/2-13UNC	1/2-12BSW	74.61	2-15/16	76.20	3	146.05	5-3/4	2700	1215	12010	2114	951	9410
UXS	3"	M10	3/8-16UNC	3/8-16BSW	90.49	3-9/16	76.20	3	158.75	6-1/4	1460	657	6490	1143	514	5090
UXS		M12	1/2-13UNC	1/2-12BSW	90.49	3-9/16	76.20	3	158.75	6-1/4	2700	1215	12010	2114	951	9410
UXS	3-1/2"	M10	3/8-16UNC	3/8-16BSW	103.19	4-1/16	76.20	3	158.75	6-1/4	1460	657	6490	1143	514	5090
UXS		M12	1/2-13UNC	1/2-12BSW	103.19	4-1/16	76.20	3	158.75	6-1/4	2700	1215	12010	2114	951	9410
UXS	4"	M10	3/8-16UNC	3/8-16BSW	115.89	4-9/16	76.20	3	184.15	7-1/4	1460	657	6490	1143	514	5090
UXS		M12	1/2-13UNC	1/2-12BSW	115.89	4-9/16	76.20	3	184.15	7-1/4	2700	1215	12010	2114	951	9410
UXS	5"	M10	3/8-16UNC	3/8-16BSW	142.88	5-5/8	76.20	3	212.73	8-3/8	1460	657	6490	1143	514	5090
UXS		M12	1/2-13UNC	1/2-12BSW	142.88	5-5/8	76.20	3	212.73	8-3/8	2700	1215	12010	2114	951	9410
UXS	6"	M12	1/2-13UNC	1/2-12BSW	171.45	6-3/4	95.25	3-3/4	247.65	9-3/4	2700	1215	12010	2114	951	9410
UXS		M16	5/8-11UNC	5/8-11BSW	171.45	6-3/4	95.25	3-3/4	247.65	9-3/4	4320	1944	19220	3383	1522	15050
UXS	8"	M12	1/2-13UNC	1/2-12BSW	222.25	8-3/4	98.43	3-7/8	314.33	12-3/8	2700	1215	12010	2114	951	9410
UXS		M16	5/8-11UNC	5/8-11BSW	222.25	8-3/4	98.43	3-7/8	314.33	12-3/8	4320	1944	19220	3383	1522	15050
UXS	10"	M16	5/8-11UNC	5/8-11BSW	276.23	10-7/8	101.60	4	368.3	14-1/2	4320	1944	19220	3383	1522	15050
UXS		M18	3/4-10UNC	3/4-10BSW	276.23	10-7/8	101.60	4	368.3	14-1/2	6460	2907	28740	5059	2277	22500
UXS	12"	M22	7/8-9UNC	7/8-9BSW	327.03	12-7/8	107.95	4-1/4	428.63	16-7/8	8960	4032	39860	7017	3158	31210

THREADED ACCESSORIES

THREADED ROD



- **Function:** Designed for use in pipe hanger assemblies.
- **Material:** Carbon steel
- **Finish:** Electro-galvanized
- **Ordering:** Specify Size, length.

Item	Size		L		
	mm	in	in	mm	in
LG	M6	1/4-20UNC	1/4-20BSW	1000/3000	39.37/118.11
LG	M8	5/16-18UNC	5/16-18BSW	1000/3000	39.37/118.11
LG	M10	3/8-16UNC	3/8-16BSW	1000/3000	39.37/118.11
LG	M12	1/2-13UNC	1/2-12BSW	1000/3000	39.37/118.11
LG	M16	5/8-11UNC	5/8-11BSW	1000/3000	39.37/118.11
LG	M18	3/4-10UNC	3/4-10BSW	1000/3000	39.37/118.11
LG	M22	7/8-9UNC	7/8-9BSW	1000/3000	39.37/118.11

Length can be customized according to customer requirements.

THREADED ACCESSORIES

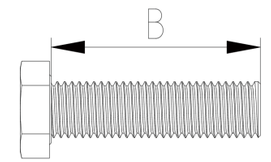
HEX HEAD BOLT

- **Function:** Designed for use as a fastening device.
- **Material:** Carbon steel
- **Finish:** Electro-galvanized
- **Ordering:** Specify Size, length.

Item	Size			B
	mm	in	in	
6FLS	M6	1/4-20UNC	1/4-20BSW	Length can be customized according to customer requirements.
6FLS	M8	5/16-18UNC	5/16-18BSW	
6FLS	M10	3/8-16UNC	3/8-16BSW	
6FLS	M12	1/2-13UNC	1/2-12BSW	
6FLS	M16	5/8-11UNC	5/8-11BSW	
6FLS	M18	3/4-10UNC	3/4-10BSW	

THREADED ACCESSORIES

HEX HEAD BOLT

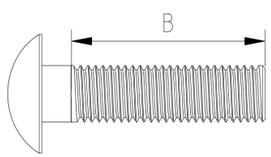


- **Function:** Designed for use as a fastening device.
- **Material:** Carbon steel
- **Finish:** Electro-galvanized
- **Ordering:** Specify Size, length.

Item	Size			B
	mm	in	in	
6FLS	M6	1/4-20UNC	1/4-20BSW	Length can be customized according to customer requirements.
6FLS	M8	5/16-18UNC	5/16-18BSW	
6FLS	M10	3/8-16UNC	3/8-16BSW	
6FLS	M12	1/2-13UNC	1/2-12BSW	
6FLS	M16	5/8-11UNC	5/8-11BSW	
6FLS	M18	3/4-10UNC	3/4-10BSW	

THREADED ACCESSORIES

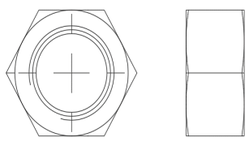
ROUND HEAD SQUARE NECK BOLT



- **Function:** Designed for use as a fastening device.
- **Material:** Carbon steel
- **Finish:** Electro-galvanized
- **Ordering:** Specify Size, length.

Item	Size			B
	mm	in	in	
FJLS	M8	5/16-18UNC	5/16-18BSW	Length can be customized according to customer requirements.
FJLS	M10	3/8-16UNC	3/8-16BSW	

HEX NUT

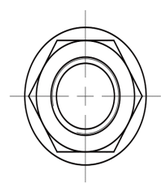


- **Function:** Designed for use as a fastening device.
- **Material:** Carbon steel
- **Finish:** Electro-galvanized
- **Ordering:** Specify Size

Item	Size		
	mm	in	in
6FLM	M6	1/4-20UNC	1/4-20BSW
6FLM	M8	5/16-18UNC	5/16-18BSW
6FLM	M10	3/8-16UNC	3/8-16BSW
6FLM	M12	1/2-13UNC	1/2-12BSW
6FLM	M16	5/8-11UNC	5/8-11BSW
6FLM	M18	3/4-10UNC	3/4-10BSW

THREADED ACCESSORIES

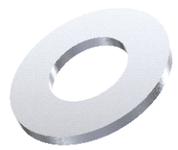
FLANGE NUT

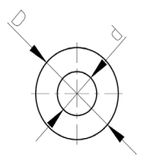


- **Function:** Designed for use as a fastening device.It also has anti loosening function.
- **Material:** Carbon steel
- **Finish:** Electro-galvanized
- **Ordering:** Specify Size

Item	FLM	FLM	FLM	FLM
Size	M8	M10	M12	M16

FLAT WASHER



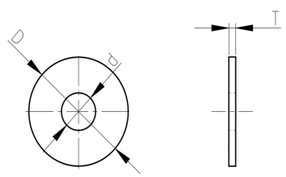


- **Function:** Used with bolts,adjusting clearance.
- **Material:** Carbon steel
- **Finish:** Electro-galvanized
- **Ordering:** Specify Size.

Item	Size	d		D		T	
		mm	in	mm	in	mm	in
DP	M6	6.6	0.26	10.9	0.43	1.3	0.05
DP	M8	9	0.35	14.9	0.59	1.3	0.05
DP	M10	11	0.43	18.7	0.74	1.7	0.07
DP	M12	13.5	0.53	22.7	0.89	2.2	0.09
DP	M16	17.5	0.69	28.7	1.13	2.4	0.09
DP	M18	20	0.79	32.4	1.28	2.4	0.09

THREADED ACCESSORIES

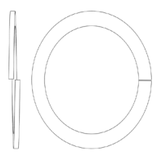
FENDER WASHER



- **Function:** Designed to provide a greater bearing surface diameter.
- **Material:** Carbon steel
- **Finish:** Electro-galvanized
- **Ordering:** Specify Size.

Item	Size	d		D		T	
		mm	in	mm	in	mm	in
DPDP	M6	6.6	0.26	16.9	0.67	1.3	0.05
DPDP	M8	9	0.35	22.7	0.89	1.7	0.07
DPDP	M10	11	0.43	28.7	1.13	2.2	0.09
DPDP	M12	13.5	0.53	35.4	1.39	2.4	0.09
DPDP	M16	17.5	0.69	48.4	1.91	2.4	0.09
DPDP	M18	20	0.79	54.9	2.16	3.4	0.13

LOCK WASHER

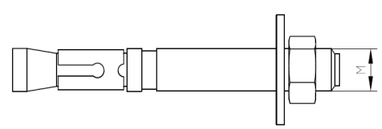


- **Function:** Designed to prevent threaded fasteners from un-threading over time.
- **Material:** Carbon steel
- **Finish:** Electro-galvanized
- **Ordering:** Specify Size

Item	DP1	DP1	DP1	DP1	DP1	DP1
Size	M6	M8	M10	M12	M16	M18

THREADED ACCESSORIES

WEDGE



- **Function:** Designed to be driven into a pre-drilled hole. The expansion of the case is controlled by the tightening of the nut, this eliminates the need for an exact hole size. Useful in applications where a high resistance to vibratory loads is desired.
- **Material:** Carbon steel
- **Finish:** Electro-galvanized
- **Ordering:** Specify Size, length.

Item	Size
MS02	M8
MS02	M10
MS02	M12

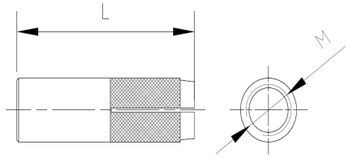
REAR EXPANSION ANCHOR BOLE

- **Function:** Designed to be inserted into pre-drilled holes and installed in place with mounting tool.
- **Material:** Carbon steel
- **Finish:** Electro-galvanized
- **Ordering:** Specify Size, length.

Item	Size
MS01	M10
MS01	M12
MS01	M16

THREADED ACCESSORIES

STEEL DROP-IN

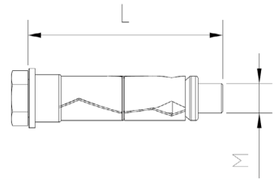


- **Function:** Designed to be inserted into a pre-drilled hole and set into place by means of a setting tool.
- **Material:** Carbon steel
- **Finish:** Electro-galvanized
- **Ordering:** Specify Size.

Item	Size			L/mm		M		
	mm	in	in	mm	in	mm	in	in
MS03	M6	1/4-20UNC	1/4-20BSW	25	0.98	M6	1/4-20UNC	1/4-20BSW
MS03	M8	5/16-18UNC	5/16-18BSW	30	1.18	M8	5/16-18UNC	5/16-18BSW
MS03	M10	3/8-16UNC	3/8-16BSW	40	1.57	M10	3/8-16UNC	3/8-16BSW
MS03	M12	1/2-13UNC	1/2-12BSW	50	1.97	M12	1/2-13UNC	1/2-12BSW
MS03	M16	5/8-11UNC	5/8-11BSW	65	2.56	M16	5/8-11UNC	5/8-11BSW
MS03	M18	3/4-10UNC	3/4-10BSW	80	3.15	M20	3/4-10UNC	3/4-10BSW

THREADED ACCESSORIES

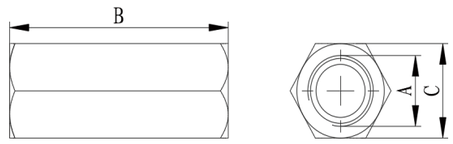
THREE PIECE COMBINED ANCHOR BOLT



- **Function:** Used to insert into pre-drilled holes and install into place using the installation tool.
- **Material:** Carbon steel
- **Finish:** Electro-galvanized
- **Ordering:** Specify Size.

Item	Size	L	
		mm	in
MS04	M6	50	1.97
MS04	M8	60	2.36
MS04	M10	70	2.76
MS04	M12	90	3.54
MS04	M16	110	4.33

ROD COUPLING

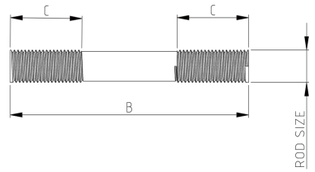


- **Function:** Designed to provide a means of connecting two lengths of threaded rod with equal diameters.
- **Material:** Carbon steel
- **Finish:** Electro-galvanized
- **Ordering:** Specify Size.

Item	Size	A	B		C		Max. Rec. Load		
		in	in	mm	in	mm	Lbs	Kg	N
GJT	1/4"	1/4-20UNC	7/8	22.23	3/8	9.53	240	108	1068
GJT	3/8"	3/8-16UNC	1-3/4	44.45	5/8	15.88	730	329	3249
GJT	1/2"	1/2-13UNC	1-3/4	44.45	11/16	17.46	1350	608	6008
GJT	5/8"	5/8-11UNC	2-1/8	53.98	13/16	20.64	2160	972	9612
GJT	3/4"	3/4-10UNC	2-1/4	31.75	1	25.4	3230	1454	14374
GJT	7/8"	7/8-9UNC	2-1/2	63.5	1-1/4	31.75	4480	2016	19936
GJT	1"	1-8UNC	2-3/4	69.85	1-3/8	34.93	5900	2655	26255

THREADED ACCESSORIES

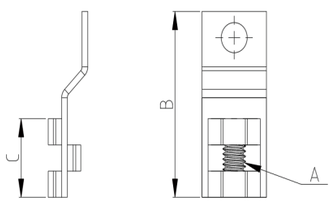
MACHINE THREAD HANGER ROD



- **Function:** Designed for use in pipe hanger assemblies.
- **Material:** Carbon steel
- **Finish:** Plain、Electro-galvanized
- **Ordering:** Specify size, length (B), Finish.

Item	Size	B	C		Max.Rec.Load					
		mm	mm	in	650°F(343°C)			750°F(399°C)		
					Lbs	Kg	N	Lbs	Kg	N
STLZ	3/8	Length can be customized according to customer requirements.	63.5	2.5	730	329	3250	572	257	2540
STLZ	1/2		63.5	2.5	1350	608	6010	1057	476	4700
STLZ	5/8		63.5	2.5	2160	972	9610	1692	761	7520
STLZ	3/4		76.2	3	3230	1454	14370	2530	1139	11250
STLZ	7/8		88.9	3.5	4480	2016	19930	3508	1579	15610
STLZ	1		101.6	4	5900	2655	26240	4620	2079	20550

STEEL EYE SOCKETL

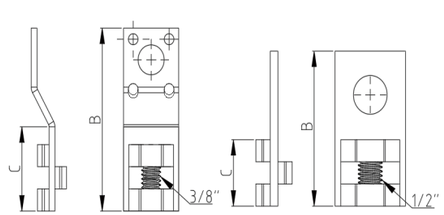


- **Function:** Designed for attaching hanger rod to structures. Secured with listed fasteners.
- **Material:** Carbon steel
- **Finish:** Plain、 Electro-galvanized
- **Ordering:** Specify size, Finish.

Item	Size	Max. Pipe Size	Screw Size	B		C		Max.Rec.Load		
				mm	in	mm	in	Lbs	Kg	N
LGLJJ1	3/8X2	2	3/8X2 1/2Lag	66.68	2.63	26.99	1.06	400	180	1780
LGLJJ1	3/8X4	4	3/8 Bolt	66.68	2.63	26.99	1.06	730	329	3250

THREADED ACCESSORIES

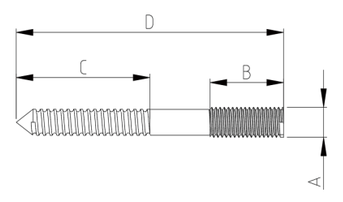
STEEL EYE SOCKETL(CONNECTED TO WOODEN STRUCTURES)



- **Function:** Designed for attaching hanger rod to wood structures.
- **Material:** Carbon steel
- **Finish:** Plain 、Electro-galvanized
- **Ordering:** Specify size, Finish.

Item	Size	Max. Pipe Size	Screw Size	B		C		Max.Rec.Load		
				mm	in	mm	in	Lbs	Kg	N
LGLJJ2	3/8X2	2	(2)#16X2	82.55	3.25	31.75	1.25	400	180	1780
LGLJJ2	3/8X4	4	1/2X2 1/2	82.55	3.25	31.75	1.25	730	329	3250
LGLJJ2	1/2X8	8	5/8X3	69.85	2.75	30.16	1.19	1350	608	6010

COACH SCREW ROD

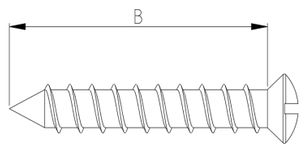


- **Function:** Designed for use as a vertical hanger attachment to wood structures.
- **Material:** Carbon steel
- **Finish:** Plain、Electro-galvanized
- **Ordering:** Specify size, length (D),Finish.

Item	Size	Minimum Length				Max.Rec.Load			Length D							
		Machine B		Machine C												
		mm	in	mm	in	Lbs	Kg	N	mm	in	mm	in	mm	in	mm	in	mm
FTSG	3/8	50.8	2	50.8	2	390	176	1730	101.6	4	152.4	6	203.2	8	254	10	304.8
FTSG	3/8	50.8	2	63.5	2.5	640	288	2850	101.6	4	152.4	6	203.2	8	254	10	304.8

THREADED ACCESSORIES

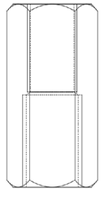
WOOD DRIVE SCREW



- **Function:** Designed for use as a fastening device to wood structures.
- **Material:** Carbon steel
- **Finish:** Plain、Electro-galvanized
- **Ordering:** Specify size, length (B), Finish.

Item	Size	Length B	
		mm	in
MLD	14	38.1	1.5
MLD	16	50.8	2

SHORT PATTERN ROD COUPLING

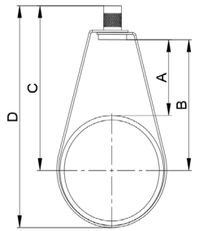


- **Function:** Designed to provide a means of connecting two lengths of threaded rod with different diameters.
- **Material:** Carbon steel
- **Finish:** Plain、Electro-galvanized
- **Ordering:** Specify size, Finish.

Item	Size	Length		Hex Width		Max.Rec.Load		
		mm	in	mm	in	Lbs	Kg	N
BJGJT	3/8X1/4	25.4	1	12.7	0.50	240	108	1070
BJGJT	1/2X3/8	31.75	1.25	15.88	0.63	730	329	3250
BJGJT	5/8X1/2	31.75	1.25	20.64	0.81	1350	608	6010
BJGJT	3/4X5/8	38.1	1.5	25.4	1.00	2160	972	9610
BJGJT	7/8X3/4	44.45	1.75	31.75	1.25	3230	1454	14370

RING HANGERS

RING HANGER

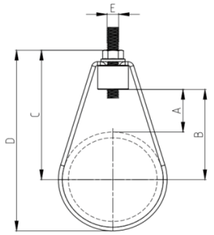


- **Function:** Designed for the suspension of non-insulated stationary pipe lines. The knurled insert nut that allows a vertical adjustment after installation.
- **Material:** Carbon steel
- **Finish:** Electro-galvanized（10"-12"), Pre-galvanized（1/2"-8")
- **Approvals:** Underwriters' Laboratories Listed in the U.S. (UL), Canada (CUL), for use with standard steel pipe sizes 1/2" to 12".Factory Mutual Approved for steel pipe sizes 3/4" to 12". Complies with Manufacturers'Standardization Society ANSI/MSS SP-58 (Type 10) which supersedes ANSI/MSS SP-69.
- **Maximum Temperature:** 343° C (650° F)
- **Ordering:** Specify size, Finish.

Item	Size	Kurled Insert Nut			A		B		C		D		Max. Rec. Load		
		mm	in	in	mm	in	mm	in	mm	in	mm	in	Lbs	Kg	N
GSD9	1/2"	M10	3/8-16UNC	3/8-16BSW	25.33	1.00	35.98	1.42	58.48	2.30	70.39	2.77	299	135	1334
GSD9	3/4"	M10	3/8-16UNC	3/8-16BSW	26.47	1.04	39.82	1.57	62.32	2.45	76.93	3.03	299	135	1334
GSD9	1"	M10	3/8-16UNC	3/8-16BSW	27.28	1.07	43.98	1.73	66.48	2.62	84.44	3.32	299	135	1334
GSD9	1 1/4"	M10	3/8-16UNC	3/8-16BSW	27.58	1.09	48.68	1.92	71.18	2.80	93.54	3.68	299	135	1334
GSD9	1 1/2"	M10	3/8-16UNC	3/8-16BSW	26.83	1.06	50.98	2.01	73.48	2.89	98.89	3.89	299	135	1334
GSD9	2"	M10	3/8-16UNC	3/8-16BSW	26.53	1.04	56.68	2.23	79.18	3.12	110.59	4.35	299	135	1334
GSD9	2 1/2"	M10	3/8-16UNC	3/8-16BSW	50.7	2.00	87.2	3.43	109.7	4.32	147.55	5.81	339	153	1512
GSD9	3"	M10	3/8-16UNC	3/8-16BSW	49.63	1.95	94.08	3.70	116.58	4.59	162.74	6.41	419	189	1868
GSD9	3 1/2"	M10	3/8-16UNC	3/8-16BSW	43.28	1.70	94.08	3.70	116.58	4.59	169.09	6.66	499	225	2224
GSD9	4"	M10	3/8-16UNC	3/8-16BSW	49.83	1.96	106.98	4.21	129.48	5.10	188.34	7.41	599	270	2668
GSD9	5"	M12	1/2-13UNC	1/2-12BSW	55.1	2.17	125.75	4.95	154.25	6.07	227.38	8.95	799	360	3558
GSD9	6"	M12	1/2-13UNC	1/2-12BSW	60	2.36	144.15	5.68	172.65	6.80	259.28	10.21	1059	477	4714
GSD9	8"	M12	1/2-13UNC	1/2-12BSW	72.45	2.85	182	7.17	210.5	8.29	322.75	12.71	1619	729	7205
GSD9	10"	M16	5/8-11UNC	5/8-11BSW	84.5	3.33	221	8.70	256	10.08	397	15.63	2339	1053	10408
GSD9	12"	M16	5/8-11UNC	5/8-11BSW	105.05	4.14	267	10.51	302	11.89	468.45	18.44	3159	1422	14055

RING HANGERS

CUP NUT RING HANGER

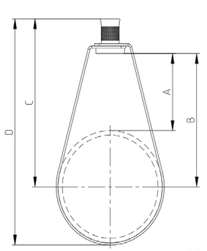


- **Function:** Used for connecting pipes and fixing their position. The hanging nut is connected to the threaded fitting, which is then connected to the building or steel beam. Can be adjusted in the vertical direction.
- **Material:** Carbon steel
- **Finish:** Pre-galvanized
- **Approvals:** Factory Mutual Approved for steel pipe sizes 1"to 8".Complies with Manufacturers' Standardization Society ANSI/MSS SP-58 (Type 9) which supersedes ANSI/MSS SP-69
- **Maximum Temperature:** 343° C (650° F)
- **Ordering:** Specify Size

Item	Size	E			A		B		C		D		Max. Rec. Load		
		mm	in	in	mm	in	mm	in	mm	in	mm	in	Lbs	Kg	N
GSDS9	1"	M8	5/16-18UNC	5/16-18BSW	23.2	0.91	40.9	1.61	68.4	2.69	88.1	3.47	299	135	1334
GSDS9	1-1/4"	M8	5/16-18UNC	5/16-18BSW	24.1	0.95	46.2	1.82	73.7	2.90	97.8	3.85	299	135	1334
GSDS9	1-1/2"	M8	5/16-18UNC	5/16-18BSW	26.4	1.04	51.6	2.03	79.1	3.11	106.2	4.18	299	135	1334
GSDS9	2"	M8	5/16-18UNC	5/16-18BSW	29.3	1.15	60.5	2.38	88	3.46	121.2	4.77	299	135	1334
GSDS9	1"	M10	3/8-16UNC	3/8-16BSW	21.2	0.83	38.9	1.53	70.4	2.77	90.1	3.55	299	135	1334
GSDS9	1-1/4"	M10	3/8-16UNC	3/8-16BSW	22.1	0.87	44.2	1.74	75.7	2.98	99.8	3.93	299	135	1334
GSDS9	1-1/2"	M10	3/8-16UNC	3/8-16BSW	24.4	0.96	49.6	1.95	81.1	3.19	108.2	4.26	339	153	1512
GSDS9	2"	M10	3/8-16UNC	3/8-16BSW	27.3	1.07	58.5	2.30	90	3.54	123.2	4.85	419	189	1868
GSDS9	2-1/2"	M10	3/8-16UNC	3/8-16BSW	33.3	1.31	72.4	2.85	104.9	4.13	147.1	5.79	499	225	2224
GSDS9	3"	M10	3/8-16UNC	3/8-16BSW	39.8	1.57	85.5	3.37	118	4.65	166.6	6.56	599	270	2668
GSDS9	4"	M10	3/8-16UNC	3/8-16BSW	53.6	2.11	112.3	4.42	144.8	5.70	206.5	8.13	799	360	3558
GSDS9	5"	M12	1/2-13UNC	1/2-12BSW	50.6	1.99	122.6	4.83	161.1	6.34	236.5	9.31	1059	477	4714
GSDS9	6"	M12	1/2-13UNC	1/2-12BSW	62.6	2.46	148.6	5.85	187.1	7.37	276.1	10.87	1619	729	7205
GSDS9	8"	M16	5/8-11UNC	5/8-11BSW	73.3	2.89	184.7	7.27	233.2	9.18	347.5	13.68	1619	729	7205

RING HANGERS

RING HANGER-OVERHAND DESIGN

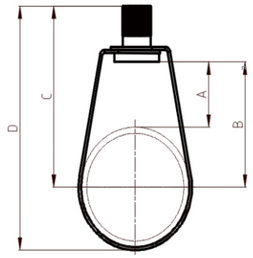


- **Function:** Designed for the suspension of non-insulated stationary pipe lines. The hole reaming design of knurling lifting female can prevent the knurling lifting female from falling off, which is easy to install and can be adjusted vertically after installation.
- **Material:** Carbon steel
- **Finish:** Pre-galvanized
- **Approvals:** Underwriters' Laboratories Listed in the U.S. (UL), Canada (CUL), for use with standard steel pipe sizes 1/2" to 8".Factory Mutual Approved for steel pipe sizes 3/4" to 8". Complies with Manufacturers'Standardization Society ANSI/MSS SP-58 (Type 10) which supersedes ANSI/MSS SP-69.
- **Maximum Temperature:** 343° C (650° F)
- **Ordering:** Specify size.

Item	Size	Kurled Insert Nut			A		B		C		D		Max. Rec. Load		
		mm	in	in	mm	in	mm	in	mm	in	mm	in	Lbs	Kg	N
GSDF9	1/2"	M10	3/8-16UNC	3/8-16BSW	25.33	1.00	35.98	1.42	58.48	2.30	70.39	2.77	299	135	1334
GSDF9	3/4"	M10	3/8-16UNC	3/8-16BSW	26.47	1.04	39.82	1.57	62.32	2.45	76.93	3.03	299	135	1334
GSDF9	1"	M10	3/8-16UNC	3/8-16BSW	27.28	1.07	43.98	1.73	66.48	2.62	84.44	3.32	299	135	1334
GSDF9	1-1/4"	M10	3/8-16UNC	3/8-16BSW	27.58	1.09	48.68	1.92	71.18	2.80	93.54	3.68	299	135	1334
GSDF9	1-1/2"	M10	3/8-16UNC	3/8-16BSW	26.83	1.06	50.98	2.01	73.48	2.89	98.89	3.89	299	135	1334
GSDF9	2"	M10	3/8-16UNC	3/8-16BSW	26.53	1.04	56.68	2.23	79.18	3.12	110.59	4.35	299	135	1334
GSDF9	2-1/2"	M10	3/8-16UNC	3/8-16BSW	50.7	2.00	87.2	3.43	109.7	4.32	147.55	5.81	339	153	1512
GSDF9	3"	M10	3/8-16UNC	3/8-16BSW	49.63	1.95	94.08	3.70	116.58	4.59	162.74	6.41	419	189	1868
GSDF9	3-1/2"	M10	3/8-16UNC	3/8-16BSW	43.28	1.70	94.08	3.70	116.58	4.59	169.09	6.66	499	225	2224
GSDF9	4"	M10	3/8-16UNC	3/8-16BSW	49.83	1.96	106.98	4.21	129.48	5.10	188.34	7.41	599	270	2668
GSDF9	5"	M12	1/2-13UNC	1/2-12BSW	55.1	2.17	125.75	4.95	154.25	6.07	227.38	8.95	799	360	3558
GSDF9	6"	M12	1/2-13UNC	1/2-12BSW	60	2.36	144.15	5.68	172.65	6.80	259.28	10.21	1059	477	4714
GSDF9	8"	M12	1/2-13UNC	1/2-12BSW	72.45	2.85	182	7.17	210.5	8.29	322.75	12.71	1619	729	7205

RING HANGERS

RING HANGER-OVERHAND DESIGN WITH FELT FOR COPPER TUBING

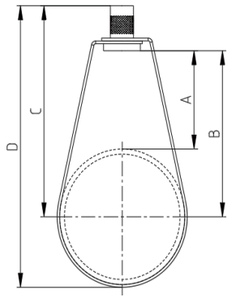


- **Function:** Designed for the suspension of non-insulated stationary pipe lines. The hole reaming design of knurling lifting female can prevent the knurling lifting female from falling off, which is easy to install and can be adjusted vertically after installation.
- **Material:** Carbon steel
- **Finish:** Pre-galvanized
- **Approvals:** Underwriters' Laboratories Listed in the U.S. (UL), Canada (CUL), for use with standard steel pipe sizes 1/2" to 8".Factory Mutual Approved for steel pipe sizes 3/4"to 8". Complies with Manufacturers' Standardization Society ANSI/MSS SP-58 (Type 10) which supersedes ANSI/MSS SP-69.
- **Maximum Temperature:** 343° C (650° F)
- **Ordering:** Specify size.

Item	Size	Kurled Insert Nut			A		B		C		D		Max. Rec. Load		
		mm	in	in	mm	in	mm	in	mm	in	mm	in	Lbs	Kg	N
GSDF9	1/2"	M10	3/8-16UNC	3/8-16BSW	25.33	1.00	35.98	1.42	58.48	2.30	70.39	2.77	299	135	1334
GSDF9	3/4"	M10	3/8-16UNC	3/8-16BSW	26.47	1.04	39.82	1.57	62.32	2.45	76.93	3.03	299	135	1334
GSDF9	1"	M10	3/8-16UNC	3/8-16BSW	27.28	1.07	43.98	1.73	66.48	2.62	84.44	3.32	299	135	1334
GSDF9	1-1/4"	M10	3/8-16UNC	3/8-16BSW	27.58	1.09	48.68	1.92	71.18	2.80	93.54	3.68	299	135	1334
GSDF9	1-1/2"	M10	3/8-16UNC	3/8-16BSW	26.83	1.06	50.98	2.01	73.48	2.89	98.89	3.89	299	135	1334
GSDF9	2"	M10	3/8-16UNC	3/8-16BSW	26.53	1.04	56.68	2.23	79.18	3.12	110.59	4.35	299	135	1334
GSDF9	2-1/2"	M10	3/8-16UNC	3/8-16BSW	50.7	2.00	87.2	3.43	109.7	4.32	147.55	5.81	339	153	1512
GSDF9	3"	M10	3/8-16UNC	3/8-16BSW	49.63	1.95	94.08	3.70	116.58	4.59	162.74	6.41	419	189	1868
GSDF9	3-1/2"	M10	3/8-16UNC	3/8-16BSW	43.28	1.70	94.08	3.70	116.58	4.59	169.09	6.66	499	225	2224
GSDF9	4"	M10	3/8-16UNC	3/8-16BSW	49.83	1.96	106.98	4.21	129.48	5.10	188.34	7.41	599	270	2668
GSDF9	5"	M12	1/2-13UNC	1/2-12BSW	55.1	2.17	125.75	4.95	154.25	6.07	227.38	8.95	799	360	3558
GSDF9	6"	M12	1/2-13UNC	1/2-12BSW	60	2.36	144.15	5.68	172.65	6.80	259.28	10.21	1059	477	4714
GSDF9	8"	M12	1/2-13UNC	1/2-12BSW	72.45	2.85	182	7.17	210.5	8.29	322.75	12.71	1619	729	7205

RING HANGERS

RING HANGER-COPPER TUBING HANGER

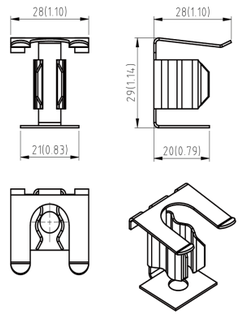


- **Function:** Designed for the suspension of non-insulated stationary copper tubing. The knurled insert allows for vertical adjustment after installation.
- **Material:** Carbon steel
- **Finish:** Black Electrostatic Spraying
- **Approvals:** Complies Manufacturers' Standardization Society ANSI/MSS SP-58 (Type 10) which supersedes ANSI/MSS SP-69.
- **Ordering:** Specify size, Finish.

Item	Size	Kurled Insert Nut			A		B		C		D		Max. Rec. Load		
		mm	in	in	mm	in	mm	in	mm	in	mm	in	Lbs	Kg	N
GSDT	1/2"	M10	3/8-16UNC	3/8-16BSW	31.28	1.23	33.28	1.31	55.78	2.20	64.99	2.56	299	135	1334
GSDT	3/4"	M10	3/8-16UNC	3/8-16BSW	35.58	1.40	37.58	1.48	60.08	2.37	72.44	2.85	299	135	1334
GSDT	1"	M10	3/8-16UNC	3/8-16BSW	39.58	1.56	41.58	1.64	64.08	2.52	79.64	3.14	299	135	1334
GSDT	1-1/4"	M10	3/8-16UNC	3/8-16BSW	43.08	1.70	45.08	1.77	67.58	2.66	86.29	3.40	299	135	1334
GSDT	1-1/2"	M10	3/8-16UNC	3/8-16BSW	45.48	1.79	47.48	1.87	69.98	2.76	91.89	3.62	299	135	1334
GSDT	2"	M10	3/8-16UNC	3/8-16BSW	51.48	2.03	53.48	2.11	75.98	2.99	104.24	4.10	299	135	1334
GSDT	2-1/2"	M10	3/8-16UNC	3/8-16BSW	82	3.23	84	3.31	106.5	4.19	141.2	5.56	339	153	1512
GSDT	3"	M10	3/8-16UNC	3/8-16BSW	87.38	3.44	89.38	3.52	111.88	4.40	153.29	6.04	419	189	1868
GSDT	3-1/2"	M10	3/8-16UNC	3/8-16BSW	87.28	3.44	89.28	3.51	111.78	4.40	159.54	6.28	499	225	2224
GSDT	4"	M10	3/8-16UNC	3/8-16BSW	100.18	3.94	102.18	4.02	124.68	4.91	178.79	7.04	599	270	2668
GSDT	5"	M12	1/2-13UNC	1/2-12BSW	118.15	4.65	120.15	4.73	148.65	5.85	216.23	8.51	799	360	3558
GSDT	6"	M12	1/2-13UNC	1/2-12BSW	135.75	5.34	137.75	5.42	166.25	6.55	246.53	9.71	1059	477	4714

RING HANGERS

SURGE RESTRAINT



- **Function:** Designed to restrict the upward movement of activated fire sprinkler systems.Grips ring hanger, not the nut, and allows for fine tuning adjustments.
- **Material:** Spring steel, Galvanized plate
- **Finish:** Plain, Electro-galvanized, Pre-galvanized

Install: Installs easily before or after pipe installation and without tools.Simply clip YZJ onto GSDF9/GSD9 ring hanger and run the hanger rod down to the bottom plate surface to ensure proper restraint.

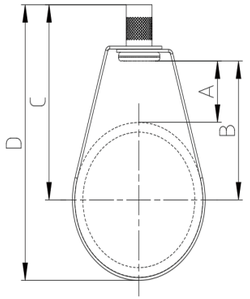
Ordering: Specify size, Finish.

NOTE: Use for 1/2"(21)to 2"(60)pipe, one size fits all.

Item	Size
YZJ	1/2"-2"(21-60)

RING HANGERS

PVC COATED SWIVEL RING HANGER

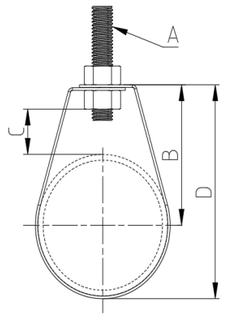


- **Function:** Designed for the suspension of non-insulated stationary pipe lines. Frequently used with Aluminum, Glass, Plastic, Brass, or Copper pipe lines. This product is NOT compatible with CPVC pipe.
- **Material:** Carbon steel
- **Finish:** Pre-galvanized with PVC coating
- **Approvals:** Underwriters' Laboratories Listed in the U.S. (UL), Canada (CUL), for use with standard steel pipe sizes 3/4" to 12".Factory Mutual Approved for steel pipe sizes 3/4" to 12".Complies with Federal Specifications AA1192A (Type 10), and Manufacturers' Standardization Society ANSI/MSS SP58 (Type 10) whichsupersedes ANSI/MSS SP69.
- **Ordering:** Specify size, Finish.

Item	Size	Kurled Insert Nut			A		B		C		D		Max. Rec. Load		
		mm	in	in	mm	in	mm	in	mm	in	mm	in	Lbs	Kg	N
GSD9	1/2	M10	3/8-16UNC	3/8-16BSW	25.33	1.00	35.98	1.42	58.48	2.30	70.39	2.77	299	135	1334
GSD9	3/4	M10	3/8-16UNC	3/8-16BSW	26.47	1.04	39.82	1.57	62.32	2.45	76.93	3.03	299	135	1334
GSD9	1	M10	3/8-16UNC	3/8-16BSW	27.28	1.07	43.98	1.73	66.48	2.62	84.44	3.32	299	135	1334
GSD9	1 1/4	M10	3/8-16UNC	3/8-16BSW	27.58	1.09	48.68	1.92	71.18	2.80	93.54	3.68	299	135	1334
GSD9	1 1/2	M10	3/8-16UNC	3/8-16BSW	26.83	1.06	50.98	2.01	73.48	2.89	98.89	3.89	299	135	1334
GSD9	2	M10	3/8-16UNC	3/8-16BSW	26.53	1.04	56.68	2.23	79.18	3.12	110.59	4.35	299	135	1334
GSD9	2 1/2	M10	3/8-16UNC	3/8-16BSW	50.7	2.00	87.2	3.43	109.7	4.32	147.55	5.81	339	153	1512
GSD9	3	M10	3/8-16UNC	3/8-16BSW	49.63	1.95	94.08	3.70	116.58	4.59	162.74	6.41	419	189	1868
GSD9	3 1/2	M10	3/8-16UNC	3/8-16BSW	43.28	1.70	94.08	3.70	116.58	4.59	169.09	6.66	499	225	2224
GSD9	4	M10	3/8-16UNC	3/8-16BSW	49.83	1.96	106.98	4.21	129.48	5.10	188.34	7.41	599	270	2668
GSD9	5	M12	1/2-13UNC	1/2-12BSW	55.1	2.17	125.75	4.95	154.25	6.07	227.38	8.95	799	360	3558
GSD9	6	M12	1/2-13UNC	1/2-12BSW	60	2.36	144.15	5.68	172.65	6.80	259.28	10.21	1059	477	4714
GSD9	8	M12	1/2-13UNC	1/2-12BSW	72.45	2.85	182	7.17	210.5	8.29	322.75	12.71	1619	729	7205

RING HANGERS

RING HANGERNUT CONNECTION

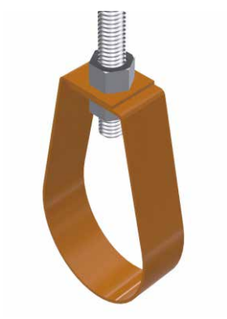


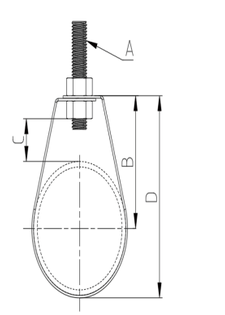
- **Function:** Designed for the suspension of non-insulated stationary pipe lines.
- **Material:** Carbon steel
- **Finish:** Pre-galvanized
- **Approvals:** Complies with Federal Specifications AA1192A (Type 7) and Manufacturers'Standardization Society ANSI/MSS SP58 (Type 7). which supersedes ANSI/MSS Sp69.
- **Ordering:** Specify size, Finish.

Item	Size	A			B		C		D		Max. Rec. Load		
		mm	in	in	mm	in	mm	in	mm	in	Lbs	Kg	N
GSD1	1/2"	M10	3/8-16UNC	3/8-16BSW	41.75	1.64	20.61	0.81	53.6	2.11	299	135	1334
GSD1	3/4"	M10	3/8-16UNC	3/8-16BSW	45.55	1.79	21.71	0.85	60.1	2.37	299	135	1334
GSD1	1"	M10	3/8-16UNC	3/8-16BSW	49.7	1.96	22.51	0.89	67.6	2.66	299	135	1334
GSD1	1 1/4"	M10	3/8-16UNC	3/8-16BSW	54.4	2.14	22.81	0.90	76.7	3.02	299	135	1334
GSD1	1 1/2"	M10	3/8-16UNC	3/8-16BSW	56.75	2.23	22.11	0.87	82.1	3.23	299	135	1334
GSD1	2"	M10	3/8-16UNC	3/8-16BSW	62.45	2.46	21.81	0.86	93.8	3.69	299	135	1334
GSD1	2 1/2"	M10	3/8-16UNC	3/8-16BSW	93.2	3.67	46.21	1.82	130.9	5.15	339	153	1512
GSD1	3"	M10	3/8-16UNC	3/8-16BSW	100.65	3.96	44.51	1.75	146.9	5.78	419	189	1868
GSD1	3 1/2"	M10	3/8-16UNC	3/8-16BSW	100.6	3.96	38.11	1.50	153.2	6.03	499	225	2224
GSD1	4"	M10	3/8-16UNC	3/8-16BSW	113.55	4.47	44.71	1.76	172.5	6.79	599	270	2668
GSD1	5"	M12	1/2-13UNC	1/2-12BSW	135.95	5.35	49.19	1.94	209.1	8.23	799	360	3558
GSD1	6"	M12	1/2-13UNC	1/2-12BSW	154.35	6.08	54.09	2.13	241	9.49	1059	477	4714
GSD1	8"	M12	1/2-13UNC	1/2-12BSW	192.95	7.60	67.29	2.65	305	12.01	1619	729	7205

RING HANGERS

COPPER TUBING BAND HANGERNUT CONNECTION



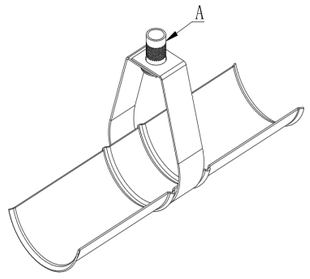


- **Function:** Designed for the suspension of non-insulated stationary copper tubing.When proper adjustment has been obtained, the hanger should be locked in place with an upper locknut.
- **Material:** Carbon steel
- **Finish:** Copper color epoxy finish
- **Approvals:** Complies with Federal Specifications AA1192A (Type 7) and Manufacturers'Standardization Society ANSI/MSS SP58 (Type 7). which supersedes ANSI/MSS SP69.
- **Ordering:** Specify size, Finish.

Item	Size	A			B		C		D		Max. Rec. Load		
		mm	in	in	mm	in	mm	in	mm	in	Lbs	Kg	N
GSDT1	1/2"	M10	3/8-16UNC	3/8-16BSW	44.46	1.75	26.03	1.02	53.6	2.11	299	135	1334
GSDT1	3/4"	M10	3/8-16UNC	3/8-16BSW	47.79	1.88	26.18	1.03	60.1	2.37	299	135	1334
GSDT1	1"	M10	3/8-16UNC	3/8-16BSW	52.11	2.05	27.33	1.08	67.6	2.66	299	135	1334
GSDT1	1 1/4"	M10	3/8-16UNC	3/8-16BSW	58.04	2.29	30.08	1.18	76.7	3.02	299	135	1334
GSDT1	1 1/2"	M10	3/8-16UNC	3/8-16BSW	53.26	2.10	22.13	0.87	75.1	2.96	299	135	1334
GSDT1	2"	M10	3/8-16UNC	3/8-16BSW	59.21	2.33	21.73	0.86	87.4	3.44	299	135	1334
GSDT1	2 1/2"	M10	3/8-16UNC	3/8-16BSW	90.06	3.55	46.23	1.82	124.6	4.91	339	153	1512
GSDT1	3"	M10	3/8-16UNC	3/8-16BSW	95.91	3.78	44.53	1.75	137.4	5.41	419	189	1868
GSDT1	3 1/2"	M10	3/8-16UNC	3/8-16BSW	95.86	3.77	38.13	1.50	143.7	5.66	499	225	2224
GSDT1	4"	M10	3/8-16UNC	3/8-16BSW	108.7	4.28	44.61	1.76	162.9	6.41	599	270	2668

RING HANGERS

RING HANGER WITH SECURED INSULATION SHIELD

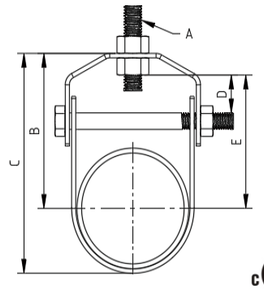


- **Function:** Designed for the suspension of insulated pipe lines.
- **Material:** Carbon steel
- **Finish:** Pre-galvanized
- **Ordering:** Specify size, Finish.

Item	Size	A			Shield I.D.		Shield Length		Shield Gauge		Max. Rec. Load		
		mm	in	in	mm	in	mm	in	mm	in	Lbs	Kg	Kn
GSD3	2X2 3/8	M10	3/8-16UNC	3/8-16BSW	60.33	2.38	203.2	8	1.2	2	300	135	1330
GSD3	2 1/2X2 5/8	M10	3/8-16UNC	3/8-16BSW	66.68	2.63	203.2	8	1.2	2 1/2	525	236	2340
GSD3	2 1/2X2 7/8	M10	3/8-16UNC	3/8-16BSW	73.03	2.88	203.2	8	1.2	2 1/2	525	236	2340
GSD3	3X3 1/2	M10	3/8-16UNC	3/8-16BSW	88.9	3.50	203.2	8	1.2	3	525	236	2340
GSD3	31/2X4	M10	3/8-16UNC	3/8-16BSW	101.6	4.00	203.2	8	1.2	3 1/2	525	236	2340
GSD3	4X4 1/2	M10	3/8-16UNC	3/8-16BSW	114.3	4.50	203.2	8	1.2	4	650	293	2890
GSD3	5X5	M12	1/2-13UNC	1/2-12BSW	127	5.00	203.2	8	1.2	5	1000	450	4450
GSD3	5X5 5/8	M12	1/2-13UNC	1/2-12BSW	142.88	5.63	203.2	8	1.2	5	1000	450	4450
GSD3	6X6	M12	1/2-13UNC	1/2-12BSW	152.4	6.00	203.2	8	1.2	6	1000	450	4450
GSD3	6X6 5/8	M12	1/2-13UNC	1/2-12BSW	168.28	6.63	203.2	8	1.2	6	1000	450	4450
GSD3	8X7 5/8	M12	1/2-13UNC	1/2-12BSW	193.68	7.63	304.8	12	1.2	8	1000	450	4450
GSD3	8X8 5/8	M12	1/2-13UNC	1/2-12BSW	219.08	8.63	304.8	12	1.2	8	1000	450	4450

CLEVIS HANGERS

CLEVIS HANGER

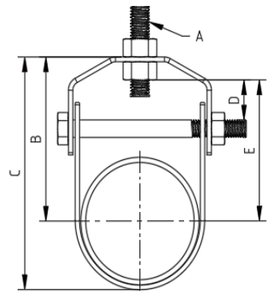


- **Function:** Designed for the suspension of stationary pipe.
- **Material:** Carbon steel(Type 304 or 316 Stainless Steel upon request)
- **Finish:** Electro-galvanized
- **Approvals:** Underwriters' Laboratories Listed in the U.S. (UL), Canada (CUL), for use with standard steel pipe sizes 1/2" to 12".Factory Mutual Approved for steel pipe sizes 3/4"to 12".Complies with Manufacturers' Standardization Society ANSI/MSS SP-58 (Type 1) which supersedes ANSI/MSS SP-69.
- **Maximum Temperature:** 343° C (650° F)
- **Ordering:** Specify size.

Item	Size	Bolts			A			B		C		D		E		Max. Rec. Load		
		mm	in	in	mm	in	in	mm	in	mm	in	mm	in	mm	in	Lbs	Kg	N
GSU9	1/2"	M6	1/4-20UNC	1/4-20BSW	M10	3/8-16UNC	3/8-16BSW	38.1	1.50	51	2.01	5.41	0.21	27.51	1.08	299	135	1334
GSU9	3/4"	M6	1/4-20UNC	1/4-20BSW	M10	3/8-16UNC	3/8-16BSW	47.4	1.87	63	2.48	7.41	0.29	36.81	1.45	299	135	1334
GSU9	1"	M6	1/4-20UNC	1/4-20BSW	M10	3/8-16UNC	3/8-16BSW	51.05	2.01	70	2.76	9.41	0.37	40.46	1.59	299	135	1334
GSU9	1-1/4"	M6	1/4-20UNC	1/4-20BSW	M10	3/8-16UNC	3/8-16BSW	66.65	2.62	90	3.54	17.41	0.69	56.06	2.21	299	135	1334
GSU9	1-1/2"	M6	1/4-20UNC	1/4-20BSW	M10	3/8-16UNC	3/8-16BSW	69.1	2.72	95.5	3.76	20.91	0.82	58.51	2.30	299	135	1334
GSU9	2"	M6	1/4-20UNC	1/4-20BSW	M10	3/8-16UNC	3/8-16BSW	77.1	3.04	109.5	4.31	22.91	0.90	66.51	2.62	299	135	1334
GSU9	2-1/2"	M10	3/8-16UNC	3/8-16BSW	M12	1/2-13UNC	1/2-12BSW	93.8	3.69	133	5.24	22.19	0.87	79.99	3.15	339	153	1512
GSU9	3"	M10	3/8-16UNC	3/8-16BSW	M12	1/2-13UNC	1/2-12BSW	104.85	4.13	152	5.98	27.19	1.07	91.04	3.58	419	189	1868
GSU9	3-1/2"	M10	3/8-16UNC	3/8-16BSW	M12	1/2-13UNC	1/2-12BSW	114.6	4.51	169	6.65	29.29	1.15	99.89	3.93	499	225	2224
GSU9	4"	M10	3/8-16UNC	3/8-16BSW	M16	5/8-11UNC	5/8-11BSW	130.75	5.15	191.5	7.54	34.95	1.38	112.2	4.42	599	270	2668
GSU9	5"	M12	1/2-13UNC	1/2-12BSW	M16	5/8-11UNC	5/8-11BSW	161.75	6.37	236.5	9.31	46.95	1.85	143.2	5.64	799	360	3558
GSU9	6"	M12	1/2-13UNC	1/2-12BSW	M18	3/4-10UNC	3/4-10BSW	181.35	7.14	270	10.63	43.22	1.70	159.57	6.28	1059	477	4714
GSU9	8"	M16	5/8-11UNC	5/8-11BSW	M22	7/8-9UNC	7/8-9BSW	216.95	8.54	331	13.03	47.46	1.87	192.41	7.58	1619	729	7205
GSU9	10"	M18	3/4-10UNC	3/4-10BSW	M22	7/8-9UNC	7/8-9BSW	258.6	10.18	400.5	15.77	51.56	2.03	230.66	9.08	2339	1053	10408
GSU9	12"	M18	3/4-10UNC	3/4-10BSW	M22	7/8-9UNC	7/8-9BSW	287.15	11.31	454.5	17.89	55.56	2.19	259.21	10.20	3159	1422	14055

CLEVIS HANGERS

LIGHT DUTY CLEVIS HANGER

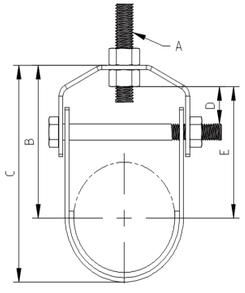


- **Function:** Designed for the suspension of non-insulated stationary pipe lines in light duty applications.
- **Material:** Carbon steel
- **Finish:** Pre-galvanized(1/2"-4")、Electro-galvanized(5"-6")
- **Approvals:** Complies with Manufacturers' Standardization Society ANSI/MSS SP-58 (Type 1) which supersedes ANSI/MSS SP-69.
- **Maximum Temperature:** 343° C (650° F)
- **Ordering:** Specify size,Finsh.

Item	Size	Bolts			A			B		C		D		E		Max. Rec. Load		
		mm	in	in	mm	in	in	mm	in	mm	in	mm	in	mm	in	Lbs	Kg	N
GSUQ	1/2"	M6	1/4-20UNC	1/4-20BSW	M10	3/8-16UNC	3/8-16BSW	39	1.54	51	2.01	6.3	0.25	29.3	1.15	150	68	668
GSUQ	3/4"	M6	1/4-20UNC	1/4-20BSW	M10	3/8-16UNC	3/8-16BSW	48	1.89	63	2.48	8.3	0.33	38.3	1.51	250	113	1113
GSUQ	1"	M6	1/4-20UNC	1/4-20BSW	M10	3/8-16UNC	3/8-16BSW	51.5	2.03	70	2.76	10.3	0.41	41.8	1.65	250	113	1113
GSUQ	1-1/4"	M6	1/4-20UNC	1/4-20BSW	M10	3/8-16UNC	3/8-16BSW	67.5	2.66	90	3.54	18.3	0.72	57.8	2.28	250	113	1113
GSUQ	1-1/2"	M6	1/4-20UNC	1/4-20BSW	M10	3/8-16UNC	3/8-16BSW	70	2.76	95.5	3.76	21.8	0.86	86.3	3.40	250	113	1113
GSUQ	2"	M6	1/4-20UNC	1/4-20BSW	M10	3/8-16UNC	3/8-16BSW	78	3.07	109.5	4.31	23.8	0.94	68.3	2.69	250	113	1113
GSUQ	2-1/2"	M10	3/8-16UNC	3/8-16BSW	M12	1/2-13UNC	1/2-12BSW	92.7	3.65	133	5.24	23.2	0.91	79.9	3.15	350	158	1558
GSUQ	3"	M10	3/8-16UNC	3/8-16BSW	M12	1/2-13UNC	1/2-12BSW	105.2	4.14	152	5.98	28.2	1.11	92.4	3.64	350	158	1558
GSUQ	3-1/2"	M10	3/8-16UNC	3/8-16BSW	M12	1/2-13UNC	1/2-12BSW	115.25	4.54	169	6.65	30.75	1.21	102	4.02	350	158	1558
GSUQ	4"	M10	3/8-16UNC	3/8-16BSW	M12	1/2-13UNC	1/2-12BSW	131.75	5.19	191.5	7.54	36.25	1.43	114.5	4.51	400	180	1780
GSUQ	5"	M12	1/2-13UNC	1/2-12BSW	M16	5/8-11UNC	5/8-11BSW	155.75	6.13	230	9.06	45.75	1.80	137.5	5.41	400	180	1780
GSUQ	6"	M12	1/2-13UNC	1/2-12BSW	M18	3/4-10UNC	3/4-10BSW	177.25	6.98	265	10.43	43.75	1.72	158	6.22	400	180	1780

CLEVIS HANGERS

CLEVIS HANGER WITH FELT FOR COPPER TUBING

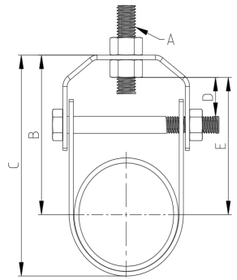


- **Function:** Designed for the suspension of stationary pipe.
- **Material:** Carbon steel
- **Finish:** Electro-galvanized
- **Approvals:** Underwriters' Laboratories Listed in the U.S. (UL), Canada (CUL), for use with standard steel pipe sizes 1/2" to 12".Factory Mutual Approved for steel pipe sizes 3/4"to 12".Complies with Manufacturers' Standardization Society ANSI/MSS SP-58 (Type 1) which supersedes ANSI/MSS SP-69.
- **Ordering:** Specify size.

Item	Size	Bolts			A			B		C		D		E		Max. Rec. Load		
		mm	in	in	mm	in	in	mm	in	mm	in	mm	in	mm	in	Lbs	Kg	N
GSU9	1/2"	M6	1/4-20UNC	1/4-20BSW	M10	3/8-16UNC	3/8-16BSW	38.1	1.50	51	2.01	5.41	0.21	27.51	1.08	299	135	1334
GSU9	3/4"	M6	1/4-20UNC	1/4-20BSW	M10	3/8-16UNC	3/8-16BSW	47.4	1.87	63	2.48	7.41	0.29	36.81	1.45	299	135	1334
GSU9	1"	M6	1/4-20UNC	1/4-20BSW	M10	3/8-16UNC	3/8-16BSW	51.05	2.01	70	2.76	9.41	0.37	40.46	1.59	299	135	1334
GSU9	1-1/4"	M6	1/4-20UNC	1/4-20BSW	M10	3/8-16UNC	3/8-16BSW	66.65	2.62	90	3.54	17.41	0.69	56.06	2.21	299	135	1334
GSU9	1-1/2"	M6	1/4-20UNC	1/4-20BSW	M10	3/8-16UNC	3/8-16BSW	69.1	2.72	95.5	3.76	20.91	0.82	58.51	2.30	299	135	1334
GSU9	2"	M6	1/4-20UNC	1/4-20BSW	M10	3/8-16UNC	3/8-16BSW	77.1	3.04	109.5	4.31	22.91	0.90	66.51	2.62	299	135	1334
GSU9	2-1/2"	M10	3/8-16UNC	3/8-16BSW	M12	1/2-13UNC	1/2-12BSW	93.8	3.69	133	5.24	22.19	0.87	79.99	3.15	339	153	1512
GSU9	3"	M10	3/8-16UNC	3/8-16BSW	M12	1/2-13UNC	1/2-12BSW	104.85	4.13	152	5.98	27.19	1.07	91.04	3.58	419	189	1868
GSU9	3-1/2"	M10	3/8-16UNC	3/8-16BSW	M12	1/2-13UNC	1/2-12BSW	114.6	4.51	169	6.65	29.29	1.15	99.89	3.93	499	225	2224
GSU9	4"	M10	3/8-16UNC	3/8-16BSW	M16	5/8-11UNC	5/8-11BSW	130.75	5.15	191.5	7.54	34.95	1.38	112.2	4.42	599	270	2668
GSU9	5"	M12	1/2-13UNC	1/2-12BSW	M16	5/8-11UNC	5/8-11BSW	161.75	6.37	236.5	9.31	46.95	1.85	143.2	5.64	799	360	3558
GSU9	6"	M12	1/2-13UNC	1/2-12BSW	M18	3/4-10UNC	3/4-10BSW	181.35	7.14	270	10.63	43.22	1.70	159.57	6.28	1059	477	4714
GSU9	8"	M16	5/8-11UNC	5/8-11BSW	M22	7/8-9UNC	7/8-9BSW	216.95	8.54	331	13.03	47.46	1.87	192.41	7.58	1619	729	7205
GSU9	10"	M18	3/4-10UNC	3/4-10BSW	M22	7/8-9UNC	7/8-9BSW	258.6	10.18	400.5	15.77	51.56	2.03	230.66	9.08	2339	1053	10408
GSU9	12"	M18	3/4-10UNC	3/4-10BSW	M22	7/8-9UNC	7/8-9BSW	287.15	11.31	454.5	17.89	55.56	2.19	259.21	10.20	3159	1422	14055

CLEVIS HANGERS

CLEVIS HANGER-COPPER COATED

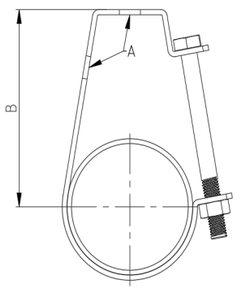


- **Function:** Designed for the suspension of non-insulated stationary copper tubing.
- **Material:** Carbon steel
- **Finish:** Copper Electrostatic Spray
- **Approvals:** Complies with Manufacturers' Standardization Society ANSI/MSS SP-58 (Type 1) which supersedes ANSI/MSS SP-69.
- **Ordering:** Specify size,Finsh.

Item	Size	Bolts			A			B		C		D		E		Max. Rec. Load		
		mm	in	in	mm	in	in	mm	in	mm	in	mm	in	mm	in	Lbs	Kg	N
GSUT	1/2"	M6	1/4-20UNC	1/4-20BSW	M10	3/8-16UNC	3/8-16BSW	38.1	1.50	48.3	1.90	5.41	0.21	27.51	1.08	299	135	1334
GSUT	3/4"	M6	1/4-20UNC	1/4-20BSW	M10	3/8-16UNC	3/8-16BSW	47.45	1.87	60.8	2.39	7.41	0.29	36.86	1.45	299	135	1334
GSUT	1"	M6	1/4-20UNC	1/4-20BSW	M10	3/8-16UNC	3/8-16BSW	51.05	2.01	67.6	2.66	9.41	0.37	40.46	1.59	299	135	1334
GSUT	1-1/4"	M6	1/4-20UNC	1/4-20BSW	M10	3/8-16UNC	3/8-16BSW	66.7	2.63	86.4	3.40	17.41	0.69	56.11	2.21	299	135	1334
GSUT	1-1/2"	M6	1/4-20UNC	1/4-20BSW	M10	3/8-16UNC	3/8-16BSW	69.1	2.72	92	3.62	20.91	0.82	58.51	2.30	299	135	1334
GSUT	2"	M6	1/4-20UNC	1/4-20BSW	M10	3/8-16UNC	3/8-16BSW	77.05	3.03	106.3	4.19	22.91	0.90	66.46	2.62	299	135	1334
GSUT	2-1/2"	M10	3/8-16UNC	3/8-16BSW	M12	1/2-13UNC	1/2-12BSW	93.75	3.69	129.8	5.11	22.19	0.87	79.94	3.15	339	153	1512
GSUT	3"	M10	3/8-16UNC	3/8-16BSW	M12	1/2-13UNC	1/2-12BSW	104.8	4.13	147.2	5.80	27.19	1.07	90.99	3.58	419	189	1868
GSUT	3-1/2"	M10	3/8-16UNC	3/8-16BSW	M12	1/2-13UNC	1/2-12BSW	114.55	4.51	164.2	6.46	29.29	1.15	99.84	3.93	499	225	2224
GSUT	4"	M10	3/8-16UNC	3/8-16BSW	M16	5/8-11UNC	5/8-11BSW	130.7	5.15	186.7	7.35	34.95	1.38	112.15	4.42	599	270	2668
GSUT	5"	M12	1/2-13UNC	1/2-12BSW	M16	5/8-11UNC	5/8-11BSW	161.7	6.37	230.9	9.09	46.95	1.85	143.15	5.64	799	360	3558
GSUT	6"	M12	1/2-13UNC	1/2-12BSW	M18	3/4-10UNC	3/4-10BSW	181.3	7.14	263.6	10.38	43.22	1.70	159.52	6.28	1059	477	4714

CLEVIS HANGERS

J-TYPE HANGER



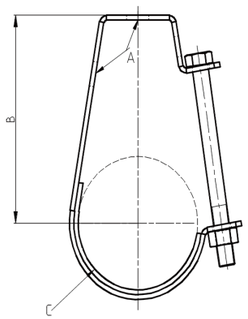
FM APPROVED

- **Function:** Designed for the suspension of stationary piping systems. The "T" slot in the hanger permits the side bolt to be installed after installation and setting of pipe. The side hole permits optional wall mounting.
- **Material:** Carbon steel
- **Finish:** Electro-galvanized
- **Approvals:** Factory Mutual Approved for steel pipe sizes 3/4"to 12.Complies with Manufacturers' Standardization Society ANSI/MSS SP-58 (Type 5) which supersedes ANSI/MSS SP-69.
- **Maximum Temperature:** 343° C (650° F)
- **Ordering:** Specify size.

Item	Size	Bolts			A			B		Max. Rec. Load		
		mm	in	in	mm	in	in	mm	in	Lbs	Kg	N
GSJ9	1/2"	M6	1/4-20UNC	1/4-20BSW	M10	3/8-16UNC	3/8-16BSW	54	2.13	299	135	1334
GSJ9	3/4"	M6	1/4-20UNC	1/4-20BSW	M10	3/8-16UNC	3/8-16BSW	60	2.36	299	135	1334
GSJ9	1"	M6	1/4-20UNC	1/4-20BSW	M10	3/8-16UNC	3/8-16BSW	66	2.60	299	135	1334
GSJ9	1-1/4"	M6	1/4-20UNC	1/4-20BSW	M10	3/8-16UNC	3/8-16BSW	71	2.80	299	135	1334
GSJ9	1-1/2"	M6	1/4-20UNC	1/4-20BSW	M10	3/8-16UNC	3/8-16BSW	78	3.07	299	135	1334
GSJ9	2"	M6	1/4-20UNC	1/4-20BSW	M10	3/8-16UNC	3/8-16BSW	89	3.50	299	135	1334
GSJ9	2-1/2"	M10	3/8-16UNC	3/8-16BSW	M10	3/8-16UNC	3/8-16BSW	113	4.45	339	153	1512
GSJ9	3"	M10	3/8-16UNC	3/8-16BSW	M10	3/8-16UNC	3/8-16BSW	124	4.88	419	189	1868
GSJ9	3-1/2"	M10	3/8-16UNC	3/8-16BSW	M10	3/8-16UNC	3/8-16BSW	132	5.20	499	225	2224
GSJ9	4"	M10	3/8-16UNC	3/8-16BSW	M10	3/8-16UNC	3/8-16BSW	156	6.14	599	270	2668
GSJ9	5"	M10	3/8-16UNC	3/8-16BSW	M12	1/2-13UNC	1/2-12BSW	171	6.73	799	360	3558
GSJ9	6"	M10	3/8-16UNC	3/8-16BSW	M12	1/2-13UNC	1/2-12BSW	197	7.76	1059	477	4714
GSJ9	8"	M10	3/8-16UNC	3/8-16BSW	M16	5/8-11UNC	5/8-11BSW	235	9.25	1619	729	7205
GSJ9	10"	M10	3/8-16UNC	3/8-16BSW	M16	5/8-11UNC	5/8-11BSW	275	10.83	2339	1053	10408
GSJ9	12"	M10	3/8-16UNC	3/8-16BSW	M16	5/8-11UNC	5/8-11BSW	310	12.20	3159	1422	14055

CLEVIS HANGERS

J-TYPE HANGER WITH FELT FOR COPPER TUBING



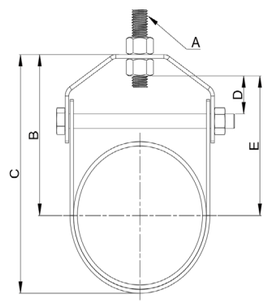
FM APPROVED

- **Function:** Designed for the suspension of stationary piping systems. The “T” slot in the hanger permits the side bolt to be installed after installation and setting of pipe. The side hole permits optional wall mounting.
- **Material:** Carbon steel
- **Finish:** Electro-galvanized
- **Approvals:** Factory Mutual Approved for steel pipe sizes 3/4"to 12.Complies with Manufacturers’ Standardization Society ANSI/MSS SP-58 (Type 5) which supersedes ANSI/MSS SP-69.
- **Ordering:** Specify size.

Item	Size	Bolts			A			B		Max. Rec. Load		
		mm	in	in	mm	in	in	mm	in	Lbs	Kg	N
GSJ9	1/2"	M6	1/4-20UNC	1/4-20BSW	M10	3/8-16UNC	3/8-16BSW	54	2.13	299	135	1334
GSJ9	3/4"	M6	1/4-20UNC	1/4-20BSW	M10	3/8-16UNC	3/8-16BSW	60	2.36	299	135	1334
GSJ9	1"	M6	1/4-20UNC	1/4-20BSW	M10	3/8-16UNC	3/8-16BSW	66	2.60	299	135	1334
GSJ9	1-1/4"	M6	1/4-20UNC	1/4-20BSW	M10	3/8-16UNC	3/8-16BSW	71	2.80	299	135	1334
GSJ9	1-1/2"	M6	1/4-20UNC	1/4-20BSW	M10	3/8-16UNC	3/8-16BSW	78	3.07	299	135	1334
GSJ9	2"	M6	1/4-20UNC	1/4-20BSW	M10	3/8-16UNC	3/8-16BSW	89	3.50	299	135	1334
GSJ9	2-1/2"	M10	3/8-16UNC	3/8-16BSW	M10	3/8-16UNC	3/8-16BSW	113	4.45	339	153	1512
GSJ9	3"	M10	3/8-16UNC	3/8-16BSW	M10	3/8-16UNC	3/8-16BSW	124	4.88	419	189	1868
GSJ9	3-1/2"	M10	3/8-16UNC	3/8-16BSW	M10	3/8-16UNC	3/8-16BSW	132	5.20	499	225	2224
GSJ9	4"	M10	3/8-16UNC	3/8-16BSW	M10	3/8-16UNC	3/8-16BSW	156	6.14	599	270	2668
GSJ9	5"	M10	3/8-16UNC	3/8-16BSW	M12	1/2-13UNC	1/2-12BSW	171	6.73	799	360	3558
GSJ9	6"	M10	3/8-16UNC	3/8-16BSW	M12	1/2-13UNC	1/2-12BSW	197	7.76	1059	477	4714
GSJ9	8"	M10	3/8-16UNC	3/8-16BSW	M16	5/8-11UNC	5/8-11BSW	235	9.25	1619	729	7205
GSJ9	10"	M10	3/8-16UNC	3/8-16BSW	M16	5/8-11UNC	5/8-11BSW	275	10.83	2339	1053	10408
GSJ9	12"	M10	3/8-16UNC	3/8-16BSW	M16	5/8-11UNC	5/8-11BSW	310	12.20	3159	1422	14055

CLEVIS HANGERS

A.W.W.A CLEVIS HANGER

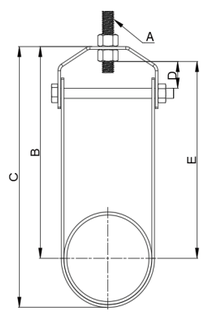


- **Function:** Designed for the suspension of stationary (A.W.W.A.) ductile iron and cast iron pipe.
- **Material:** Carbon steel (Type 304 or 316 Stainless Steel upon request)
- **Finish:** Plain、Electro-galvanized (Hot dipped galvanized with electrogalvanized hardware upon request)
- **Approvals:** Complies Manufacturers’ Standardization Society ANSI/MSS SP58 (Type 1). which supersedes ANSI/MSS SP69.
- **Ordering:** Specify size, material, Finish.

Item	Size	Pipe O.D.	Bolts			A			B		C		D		E		Max. Rec. Load		
		mm	mm	in	in	mm	in	in	mm	in	mm	in	mm	in	mm	in	Lbs	Kg	N
GSU1	3"	100.58	M10	3/8-16UNC	3/8-16BSW	M12	1/2-13UNC	1/2-13BSW	114.3	4.50	165.1	6.50	31.75	1.25	98.43	3.88	1350	608	6010
GSU1	4"	121.92	M10	3/8-16UNC	3/8-16BSW	M16	5/8-11UNC	5/8-11BSW	146.05	5.75	206.38	8.13	34.93	1.38	117.48	4.63	1430	644	6360
GSU1	6"	175.26	M12	1/2-13UNC	1/2-12BSW	M18	3/4-10UNC	3/4-10BSW	176.21	6.94	263.53	10.38	34.93	1.38	142.88	5.63	1940	873	8630
GSU1	8"	229.87	M16	5/8-11UNC	5/8-11BSW	M18	3/4-10UNC	3/4-10BSW	234.95	9.25	349.25	13.75	63.5	2.50	200.03	7.88	2000	900	8900
GSU1	10"	281.94	M18	3/4-10UNC	3/4-10BSW	M22	7/8-9UNC	7/8-9BSW	282.58	11.13	422.28	16.63	63.5	2.50	244.48	9.63	3600	1620	16040
GSU1	12"	335.28	M18	3/4-10UNC	3/4-10BSW	M22	7/8-9UNC	7/8-9BSW	320.68	12.63	488.95	19.25	73.03	2.88	282.58	11.13	3800	1710	16900
GSU1	14"	388.62	M22	7/8-9UNC	7/8-9BSW	M26	1-8UNC	1-8BSW	358.78	14.13	552.45	21.75	79.38	3.13	314.33	12.38	4200	1890	18680
GSU1	16"	441.96	M26	1-8UNC	1-8BSW	M26	1-8UNC	1-8BSW	377.83	14.88	600.08	23.63	69.85	2.75	333.38	13.13	4600	2070	20460
GSU1	18"	495.3	M28	1 1/8-7UNC	1 1/8-7BSW	M26	1-8UNC	1-8BSW	419.1	16.50	666.75	26.25	82.55	3.25	371.48	14.63	4800	2160	21350
GSU1	20"	548.64	M32	1 1/4-7UNC	1 1/4-7BSW	M32	1 1/4-7UNC	1 1/4-7BSW	474.66	18.69	749.3	29.50	92.08	3.63	427.04	16.81	4800	2160	21350
GSU1	24"	655.32	M32	1 1/4-7UNC	1 1/4-7BSW	M32	1 1/4-7UNC	1 1/4-7BSW	554.04	21.81	882.65	34.75	117.48	4.63	506.41	19.94	4800	2160	21350
GSU1	30"	812.8	M32	1 1/4-7UNC	1 1/4-7BSW	M32	1 1/4-7UNC	1 1/4-7BSW	850.9	33.50	1181.1	46.50	165.1	6.50	771.53	30.38	4800	2160	21350
GSU1	36"	972.82	M38	1 1/2-6UNC	1 1/2-6BSW	M38	1 1/2-6UNC	1 1/2-6BSW	968.38	38.13	1352.55	53.25	184.15	7.25	793.75	31.25	7000	3150	21350

CLEVIS HANGERS

CLEVIS HANGER FOR INSULATED PIPE LINES

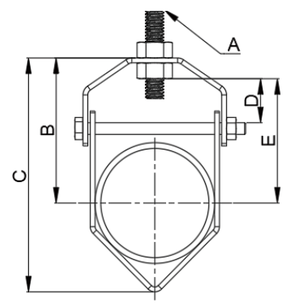


- **Function:** Designed for the suspension of insulated stationary pipe lines.The elongated design permits the insulation to encompass the hanger,while maintaining a clearance between the insulation and the cross bolt. This allows the installation of the insulation to be more economical due to the fact that less cutting and fitting is required.
- **Material:** Carbon steel (Type 304 or 316 Stainless Steel upon request)
- **Finish:** Plain、Electro-galvanized (Hot dipped galvanized with electrogalvanized hardware upon request)
- **Approvals:** Complies Manufacturers' Standardization Society ANSI/MSS SP58 (Type 7). which supersedes ANSI/MSS SP69.
- **Ordering:** Specify size, material, Finish.

Item	Size	Bolts			A			B		C		D		E		Max. Insulation Thickness	Max. Rec. Load		
		mm	in	in	mm	in	in	mm	in	mm	in	mm	in	mm	in	in	Lbs	Kg	N
GSU2	1/2"	M6	1/4-20UNC	1/4-20BSW	M10	3/8-16UNC	3/8-16BSW	95.25	3.75	107.95	4.25	14.29	0.56	87.31	3.44	50.8	730	329	3250
GSU2	3/4"	M6	1/4-20UNC	1/4-20BSW	M10	3/8-16UNC	3/8-16BSW	107.95	4.25	123.83	4.88	15.88	0.63	98.43	3.88	50.8	730	329	3250
GSU2	1"	M6	1/4-20UNC	1/4-20BSW	M10	3/8-16UNC	3/8-16BSW	130.18	5.13	146.05	5.75	41.28	1.63	119.06	4.69	50.8	730	329	3250
GSU2	1 1/4"	M6	1/4-20UNC	1/4-20BSW	M10	3/8-16UNC	3/8-16BSW	134.94	5.31	155.58	6.13	41.28	1.63	123.83	4.88	50.8	730	329	3250
GSU2	1 1/2"	M6	1/4-20UNC	1/4-20BSW	M10	3/8-16UNC	3/8-16BSW	138.11	5.44	161.93	6.38	38.1	1.50	127	5.00	50.8	730	329	3250
GSU2	2"	M6	1/4-20UNC	1/4-20BSW	M10	3/8-16UNC	3/8-16BSW	192.09	7.56	222.25	8.75	41.28	1.63	180.98	7.13	101.6	730	329	3250
GSU2	2 1/2"	M10	3/8-16UNC	3/8-16BSW	M12	1/2-13UNC	1/2-12BSW	198.44	7.81	234.95	9.25	28.58	1.13	182.56	7.19	101.6	1350	608	6010
GSU2	3"	M10	3/8-16UNC	3/8-16BSW	M12	1/2-13UNC	1/2-12BSW	206.38	8.13	250.83	9.88	28.58	1.13	190.5	7.50	101.6	1350	608	6010
GSU2	3 1/2"	M10	3/8-16UNC	3/8-16BSW	M16	5/8-11UNC	5/8-11BSW	212.73	8.38	263.53	10.38	31.75	1.25	196.85	7.75	101.6	1350	608	6010
GSU2	4"	M10	3/8-16UNC	3/8-16BSW	M16	5/8-11UNC	5/8-11BSW	244.48	9.63	301.63	11.88	44.45	1.75	225.43	8.88	101.6	1430	644	6360
GSU2	5"	M12	1/2-13UNC	1/2-12BSW	M18	3/4-10UNC	3/4-10BSW	261.94	10.31	333.38	13.13	47.63	1.88	173.04	6.81	101.6	1430	644	6360
GSU2	6"	M12	1/2-13UNC	1/2-12BSW	M18	3/4-10UNC	3/4-10BSW	274.64	10.81	358.78	14.13	41.28	1.63	252.41	9.94	101.6	1940	873	8630
GSU2	8"	M16	5/8-11UNC	5/8-11BSW	M18	3/4-10UNC	3/4-10BSW	319.09	12.56	428.63	16.88	53.98	2.13	293.69	11.56	101.6	2000	900	8900
GSU2	10"	M18	3/4-10UNC	3/4-10BSW	M22	7/8-9UNC	7/8-9BSW	358.78	14.13	495.3	19.50	66.68	2.63	339.73	13.38	101.6	3600	1620	16010
GSU2	12"	M18	3/4-10UNC	3/4-10BSW	M22	7/8-9UNC	7/8-9BSW	400.05	15.75	561.98	22.13	66.68	2.63	371.48	14.63	101.6	3800	1710	16900

CLEVIS HANGERS

PLASTIC PIPE CLEVIS HANGER

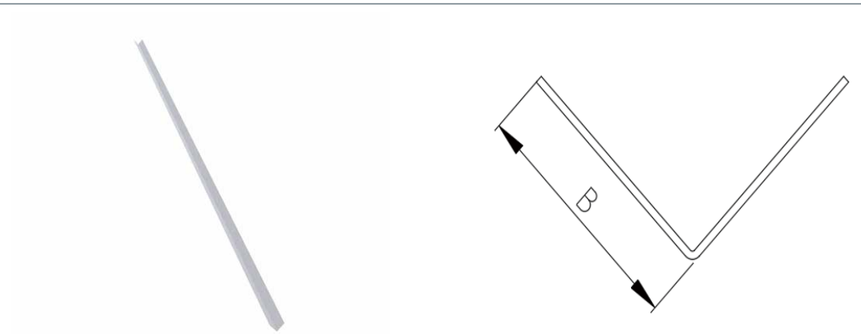


- **Function:** Designed for the suspension of flexible plastic pipe lines.
- **Material:** Carbon steel (Type 304 or 316 Stainless Steel upon request)
- **Finish:** Plain、Electro-galvanized (Hot dipped galvanized with electrogalvanized hardware upon request)
- **Ordering:** Specify size, material, Finish.

Item	Size	Bolts			A			B		C		D		E		Max. Rec. Load		
		mm	in	in	mm	in	in	mm	in	mm	in	mm	in	mm	in	Lbs	Kg	N
GSU3	1/2"	M6	1/4-20UNC	1/4-20BSW	M10	3/8-16UNC	3/8-16BSW	120.65	4.75	139.7	5.50	41.28	1.63	109.54	4.31	150	68	670
GSU3	3/4"	M6	1/4-20UNC	1/4-20BSW	M10	3/8-16UNC	3/8-16BSW	115.89	4.56	139.7	5.50	41.28	1.63	104.78	4.13	150	68	670
GSU3	1"	M6	1/4-20UNC	1/4-20BSW	M10	3/8-16UNC	3/8-16BSW	161.93	6.38	139.7	5.50	41.28	1.63	100.01	3.94	150	68	670
GSU3	1 1/4"	M6	1/4-20UNC	1/4-20BSW	M10	3/8-16UNC	3/8-16BSW	104.78	4.13	139.7	5.50	41.28	1.63	93.66	3.69	150	68	670
GSU3	1 1/2"	M6	1/4-20UNC	1/4-20BSW	M10	3/8-16UNC	3/8-16BSW	101.6	4.00	139.7	5.50	41.28	1.63	90.49	3.56	150	68	670
GSU3	2"	M6	1/4-20UNC	1/4-20BSW	M10	3/8-16UNC	3/8-16BSW	93.66	3.69	139.7	5.50	41.28	1.63	82.55	3.25	150	68	670
GSU3	2 1/2"	M10	3/8-16UNC	3/8-16BSW	M16	5/8-11UNC	5/8-11BSW	168.28	6.63	222.25	8.75	44.45	1.75	147.64	5.81	150	68	670
GSU3	3"	M10	3/8-16UNC	3/8-16BSW	M16	5/8-11UNC	5/8-11BSW	157.16	6.19	222.25	8.75	44.45	1.75	136.53	5.38	150	68	670
GSU3	3 1/2"	M10	3/8-16UNC	3/8-16BSW	M16	5/8-11UNC	5/8-11BSW	147.64	5.81	222.25	8.75	44.45	1.75	127	5.00	150	68	670
GSU3	4"	M10	3/8-16UNC	3/8-16BSW	M16	5/8-11UNC	5/8-11BSW	138.11	5.44	222.25	8.75	44.45	1.75	117.48	4.63	150	68	670

CLEVIS HANGERS

PLASTIC PIPE SUPPORT TROUGH

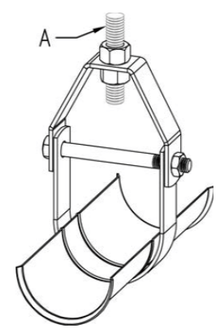


- **Function:** Designed for use with PLASTIC PIPE CLEVIS HANGER as a support for plastic or other flexible pipe systems. Hangers should be placed as close to the trough joints as possible.
- **Material:** Carbon steel (Type 304 or 316 Stainless Steel upon request)
- **Finish:** Plain、Electro-galvanized (Hot dipped galvanized with electrogalvanized hardware upon request)
- **Ordering:** Specify size, material, Finish.

Item	Size	B		Steel Gauge		Trough Length		Max.Rec.Load		
		mm	in	mm	in	mm	in	Lbs	Kg	N
ZCG	1/2-2	38.1	1.5	1.2	0.05	3050	120.08	150	68	670
ZCG	2 1/2-4	76.2	3	1.2	0.05	3050	120.08	150	68	670

CLEVIS HANGERS

CLEVIS HANGERSELF CENTERING INSULATION SHIELD

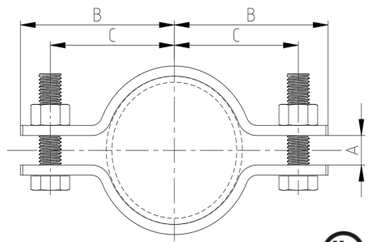


- **Function:** Designed for the suspension of stationary insulated pipe lines.
- **Material:** Carbon steel (Type 304 or 316 Stainless Steel upon request)
- **Finish:** Plain with pregalvanized shield or electrogalvanized with pregalvanized shield
- **Ordering:** Specify size, Finish, Material.

Item	Size	A			Shield I.D.		Shield Length		Shield Gauge	Hanger Size
		mm	in	in	mm	in	mm	in	mm	in
GSU4	2X2 3/8	M10	3/8-16UNC	3/8-16BSW	60.33	2.38	203.2	8	1.2	2
GSU4	2 1/2X2 5/8	M12	1/2-13UNC	1/2-12BSW	66.68	2.63	203.2	8	1.2	2 1/2
GSU4	2 1/2X2 7/8	M12	1/2-13UNC	1/2-12BSW	73.03	2.88	203.2	8	1.2	2 1/2
GSU4	3X3 1/2	M12	1/2-13UNC	1/2-12BSW	88.9	3.50	203.2	8	1.2	3
GSU4	31/2X4	M12	1/2-13UNC	1/2-12BSW	101.6	4.00	203.2	8	1.2	3 1/2
GSU4	4X4 1/2	M16	5/8-11UNC	5/8-11BSW	114.3	4.50	203.2	8	1.2	4
GSU4	5X5	M16	5/8-11UNC	5/8-11BSW	127	5.00	203.2	8	1.2	5
GSU4	5X5 5/8	M16	5/8-11UNC	5/8-11BSW	142.88	5.63	203.2	8	1.2	5
GSU4	6X6	M18	3/4-10UNC	3/4-10BSW	152.4	6.00	203.2	8	1.2	6
GSU4	6X6 5/8	M18	3/4-10UNC	3/4-10BSW	168.28	6.63	203.2	8	1.2	6
GSU4	8X7 5/8	M18	3/4-10UNC	3/4-10BSW	193.68	7.63	304.8	12	1.2	8
GSU4	8X8 5/8	M18	3/4-10UNC	3/4-10BSW	219.08	8.63	304.8	12	1.2	8
GSU4	10X9 5/8	M22	7/8-9UNC	7/8-9BSW	244.48	9.63	304.8	12	1.2	10
GSU4	10X10 3/4	M22	7/8-9UNC	7/8-9BSW	273.05	10.75	304.8	12	1.2	10
GSU4	12X10 3/4	M22	7/8-9UNC	7/8-9BSW	273.05	10.75	304.8	12	1.2	12
GSU4	12X12 3/4	M22	7/8-9UNC	7/8-9BSW	323.85	12.75	304.8	12	1.2	12

PIPE CLAMPS

STANDARD PIPE CLAMP(STD.PIPE CLAMP)

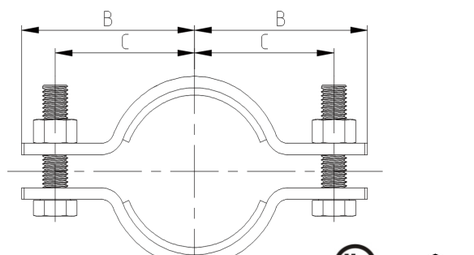


- **Function:** Designed to be used in the suspension of non-insulated pipe lines.Both sides of the product are equipped with bolts and nuts for easy installation.
- **Material:** Carbon steel(Type 316 Stainless Steel upon request)
- **Finish:** Electro-galvanized (Hot dipped galvanized with electro-galvanized hardware upon request)
- **Approvals:** Underwriters' Laboratories Listed in the U.S. (UL), Canada (CUL), for use with standard steel pipe sizes 1/2"to 8".Factory Mutual Approved for steel pipe sizes 3/4"to 8".Complies with Manufacturers' Standardization Society ANSI/MSS SP-58 (Type 4) which supersedes ANSI/MSS SP-69.
- **Maximum Temperature:** 343° C (650° F)
- **Ordering:** Specify size,Finsh.

Item	Size	Bolts			A		B		C		Max. Rec. Load		
		mm	in	in	mm	in	mm	in	mm	in	Lbs	Kg	N
GSL9	1/2"	M8	5/16-18UNC	5/16-18BSW	10.2	0.40	39	1.54	26	1.02	299	135	1334
GSL9	3/4"	M8	5/16-18UNC	5/16-18BSW	11.8	0.46	40.5	1.59	27.5	1.08	299	135	1334
GSL9	1"	M8	5/16-18UNC	5/16-18BSW	11.9	0.47	47.5	1.87	34.5	1.36	299	135	1334
GSL9	1-1/4"	M8	5/16-18UNC	5/16-18BSW	11.9	0.47	49.5	1.95	36.5	1.44	299	135	1334
GSL9	1-1/2"	M8	5/16-18UNC	5/16-18BSW	12	0.47	54	2.13	41	1.61	299	135	1334
GSL9	2"	M12	1/2-13UNC	1/2-12BSW	14.8	0.58	69	2.72	53	2.09	299	135	1334
GSL9	2-1/2"	M12	1/2-13UNC	1/2-12BSW	14.5	0.57	82.5	3.25	66.5	2.62	339	153	1512
GSL9	3"	M12	1/2-13UNC	1/2-12BSW	16.4	0.65	92.5	3.64	76.5	3.01	419	189	1868
GSL9	3-1/2"	M12	1/2-13UNC	1/2-12BSW	17.1	0.67	98	3.86	82	3.23	499	225	2224
GSL9	4"	M12	1/2-13UNC	1/2-12BSW	17.8	0.70	111.5	4.39	91.5	3.60	599	270	2668
GSL9	5"	M12	1/2-13UNC	1/2-12BSW	16.8	0.66	119	4.69	99	3.90	799	360	3558
GSL9	6"	M12	1/2-13UNC	1/2-12BSW	22.6	0.89	132	5.20	112	4.41	1059	477	4714
GSL9	8"	M12	1/2-13UNC	1/2-12BSW	22.4	0.88	157.5	6.20	137.5	5.41	1619	729	7205

PIPE CLAMPS

STANDARD PIPE CLAMP WITH FELT FOR COPPER TUBING

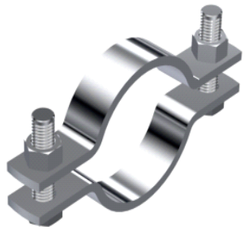


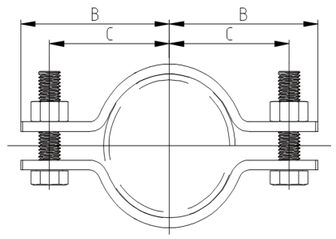
- **Function:** Designed to be used in the suspension of non-insulated pipe lines.Both sides of the product are equipped with bolts and nuts for easy installation.
- **Material:** Carbon steel
- **Finish:** Electro-galvanized (Hot dipped galvanized with electro-galvanized hardware upon request)
- **Approvals:** Underwriters' Laboratories Listed in the U.S. (UL), Canada (CUL), for use with standard steel pipe sizes 1/2"to 8".Factory Mutual Approved for steel pipe sizes 3/4"to 8".Complies with Manufacturers' Standardization Society ANSI/MSS SP-58 (Type 4) which supersedes ANSI/MSS SP-69.
- **Ordering:** Specify size,Finish.

Item	Size	Bolts			A		B		C		Max. Rec. Load		
		mm	in	in	mm	in	mm	in	mm	in	Lbs	Kg	N
GSL9	1/2"	M8	5/16-18UNC	5/16-18BSW	10.2	0.40	39	1.54	26	1.02	299	135	1334
GSL9	3/4"	M8	5/16-18UNC	5/16-18BSW	11.8	0.46	40.5	1.59	27.5	1.08	299	135	1334
GSL9	1"	M8	5/16-18UNC	5/16-18BSW	11.9	0.47	47.5	1.87	34.5	1.36	299	135	1334
GSL9	1-1/4"	M8	5/16-18UNC	5/16-18BSW	11.9	0.47	49.5	1.95	36.5	1.44	299	135	1334
GSL9	1-1/2"	M8	5/16-18UNC	5/16-18BSW	12	0.47	54	2.13	41	1.61	299	135	1334
GSL9	2"	M12	1/2-13UNC	1/2-12BSW	14.8	0.58	69	2.72	53	2.09	299	135	1334
GSL9	2-1/2"	M12	1/2-13UNC	1/2-12BSW	14.5	0.57	82.5	3.25	66.5	2.62	339	153	1512
GSL9	3"	M12	1/2-13UNC	1/2-12BSW	16.4	0.65	92.5	3.64	76.5	3.01	419	189	1868
GSL9	3-1/2"	M12	1/2-13UNC	1/2-12BSW	17.1	0.67	98	3.86	82	3.23	499	225	2224
GSL9	4"	M12	1/2-13UNC	1/2-12BSW	17.8	0.70	111.5	4.39	91.5	3.60	599	270	2668
GSL9	5"	M12	1/2-13UNC	1/2-12BSW	16.8	0.66	119	4.69	99	3.90	799	360	3558
GSL9	6"	M12	1/2-13UNC	1/2-12BSW	22.6	0.89	132	5.20	112	4.41	1059	477	4714
GSL9	8"	M12	1/2-13UNC	1/2-12BSW	22.4	0.88	157.5	6.20	137.5	5.41	1619	729	7205

PIPE CLAMPS

SPLIT BAND CLIP





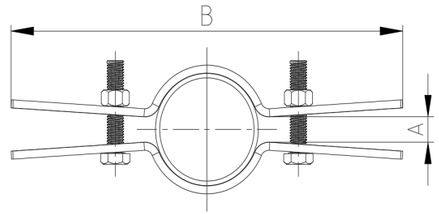
- **Function:** Designed to be used in the suspension of non-insulated pipe lines.Both sides of the product are equipped with bolts and nutsfor easy installation.
- **Material:** Carbon steel
- **Finish:** Electro-galvanized
- **Approvals:** Complies with Manufacturers' Standardization Society ANSI/MSS SP-58 (Type 4) which supersedes ANSI/MSS SP-69.
- **Ordering:** Specify size,Finish.

Item	Size	Bolts			B		C	
		mm	in	in	mm	in	mm	in
GSL1	15	M8	5/16-18UNC	5/16-18BSW	40	1.57	25	0.98
GSL1	21	M8	5/16-18UNC	5/16-18BSW	40	1.57	25	0.98
GSL1	27	M8	5/16-18UNC	5/16-18BSW	45	1.77	30	1.18
GSL1	34	M8	5/16-18UNC	5/16-18BSW	47	1.85	32	1.26
GSL1	42	M10	3/8-16UNC	3/8-16BSW	62.5	2.46	42.5	1.67
GSL1	45	M10	3/8-16UNC	3/8-16BSW	64	2.52	44	1.73
GSL1	48	M10	3/8-16UNC	3/8-16BSW	65	2.56	45	1.77
GSL1	54	M10	3/8-16UNC	3/8-16BSW	65	2.56	45	1.77
GSL1	60	M10	3/8-16UNC	3/8-16BSW	77.5	3.05	57.5	2.26
GSL1	76	M10	3/8-16UNC	3/8-16BSW	82.5	3.25	62.5	2.46
GSL1	83	M10	3/8-16UNC	3/8-16BSW	85	3.35	65	2.56
GSL1	89	M10	3/8-16UNC	3/8-16BSW	90.5	3.56	68.5	2.70
GSL1	95	M10	3/8-16UNC	3/8-16BSW	93.5	3.68	71.5	2.81
GSL1	102	M10	3/8-16UNC	3/8-16BSW	100	3.94	78	3.07
GSL1	108	M10	3/8-16UNC	3/8-16BSW	103	4.06	81	3.19
GSL1	114	M10	3/8-16UNC	3/8-16BSW	109.5	4.31	87.5	3.44
GSL1	121	M10	3/8-16UNC	3/8-16BSW	115.5	4.55	93.5	3.68
GSL1	127	M10	3/8-16UNC	3/8-16BSW	117	4.61	95	3.74
GSL1	133	M10	3/8-16UNC	3/8-16BSW	122	4.80	100	3.94
GSL1	139	M10	3/8-16UNC	3/8-16BSW	124.5	4.90	102.5	4.04
GSL1	146	M10	3/8-16UNC	3/8-16BSW	127	5.00	105	4.13
GSL1	152	M10	3/8-16UNC	3/8-16BSW	131	5.16	109	4.29
GSL1	155	M12	1/2-13UNC	1/2-12BSW	134.5	5.30	112.5	4.43
GSL1	159	M12	1/2-13UNC	1/2-12BSW	136	5.35	114	4.49
GSL1	168	M12	1/2-13UNC	1/2-12BSW	137	5.39	115	4.53
GSL1	173	M12	1/2-13UNC	1/2-12BSW	150	5.91	120	4.72

Item	Size	Bolts			B		C	
		mm	in	in	mm	in	mm	in
GSL1	178	M12	1/2-13UNC	1/2-12BSW	154	6.06	124	4.88
GSL1	186	M12	1/2-13UNC	1/2-12BSW	159	6.26	129	5.08
GSL1	193	M12	1/2-13UNC	1/2-12BSW	162.5	6.40	132.5	5.22
GSL1	199	M12	1/2-13UNC	1/2-12BSW	168	6.61	138	5.43
GSL1	208	M12	1/2-13UNC	1/2-12BSW	172	6.77	142	5.59
GSL1	216	M12	1/2-13UNC	1/2-12BSW	175	6.89	145	5.71
GSL1	220	M12	1/2-13UNC	1/2-12BSW	180	7.09	150	5.91
GSL1	225	M12	1/2-13UNC	1/2-12BSW	181	7.13	151	5.94
GSL1	232	M12	1/2-13UNC	1/2-12BSW	185	7.28	155	6.10
GSL1	244	M12	1/2-13UNC	1/2-12BSW	186.5	7.34	156.5	6.16
GSL1	252	M12	1/2-13UNC	1/2-12BSW	189	7.44	159	6.26
GSL1	259	M12	1/2-13UNC	1/2-12BSW	190	7.48	160	6.30
GSL1	268	M12	1/2-13UNC	1/2-12BSW	198	7.80	168	6.61
GSL1	273	M16	5/8-11UNC	5/8-11BSW	210	8.27	180	7.09
GSL1	283	M16	5/8-11UNC	5/8-11BSW	212	8.35	182	7.17
GSL1	290	M16	5/8-11UNC	5/8-11BSW	217	8.54	187	7.36
GSL1	299	M16	5/8-11UNC	5/8-11BSW	221.5	8.72	191.5	7.54
GSL1	308	M16	5/8-11UNC	5/8-11BSW	232.5	9.15	202.5	7.97
GSL1	323	M16	5/8-11UNC	5/8-11BSW	240	9.45	210	8.27
GSL1	332	M16	5/8-11UNC	5/8-11BSW	230.75	9.08	206	8.11
GSL1	344	M16	5/8-11UNC	5/8-11BSW	236.75	9.32	212	8.35
GSL1	356	M16	5/8-11UNC	5/8-11BSW	242.75	9.56	218	8.58
GSL1	363	M16	5/8-11UNC	5/8-11BSW	246.25	9.69	221.5	8.72
GSL1	373	M16	5/8-11UNC	5/8-11BSW	251.25	9.89	226.5	8.92
GSL1	394	M16	5/8-11UNC	5/8-11BSW	261.75	10.31	237	9.33
GSL1	406	M16	5/8-11UNC	5/8-11BSW	267.75	10.54	243	9.57

PIPE CLAMPS

VERTICAL TYPE PIPE BUNDLE(STD. RISER CLAMP)

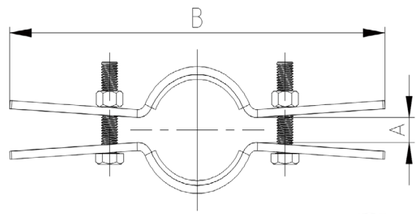


- **Function:** For supporting vertical pipes.
- **Material:** Carbon steel(Type 316 Stainless Steel upon request)
- **Finish:** Electro-galvanized (Hot dipped galvanized with electro-galvanized hardware upon request)
- **Approvals:** Underwriters' Laboratories Listed in the U.S. (UL), Canada (CUL), for use with standard steel pipe sizes 1/2"to 12".Factory Mutual Approved for steel pipe sizes 3/4"to 12".Complies with Manufacturers' Standardization Society ANSI/MSS SP-58 (Type 8) which supersedes ANSI/MSS SP-69.
- **Maximum Temperature:** 343° C (650° F)
- **Ordering:** Specify size,Finish.

Item	Size	Bolts			A		B		Max. Rec. Load		
		mm	in	in	mm	in	mm	in	Lbs	Kg	N
GSC9	1/2"	M10	3/8-16UNC	3/8-16BSW	10.5	0.41	223	8.78	299	135	1334
GSC9	3/4"	M10	3/8-16UNC	3/8-16BSW	12.1	0.48	229	9.02	299	135	1334
GSC9	1"	M10	3/8-16UNC	3/8-16BSW	12.2	0.48	235	9.25	299	135	1334
GSC9	1-1/4"	M10	3/8-16UNC	3/8-16BSW	12.2	0.48	244	9.61	299	135	1334
GSC9	1-1/2"	M10	3/8-16UNC	3/8-16BSW	12.3	0.48	250	9.84	299	135	1334
GSC9	2"	M12	1/2-13UNC	1/2-12BSW	15.3	0.60	262	10.31	299	135	1334
GSC9	2-1/2"	M12	1/2-13UNC	1/2-12BSW	16	0.63	278	10.94	339	153	1512
GSC9	3"	M12	1/2-13UNC	1/2-12BSW	18.9	0.74	291	11.46	419	189	1868
GSC9	3-1/2"	M12	1/2-13UNC	1/2-12BSW	19.6	0.77	313	12.32	499	225	2224
GSC9	4"	M12	1/2-13UNC	1/2-12BSW	19.3	0.76	326	12.83	599	270	2668
GSC9	5"	M12	1/2-13UNC	1/2-12BSW	20.3	0.80	362	14.25	799	360	3558
GSC9	6"	M12	1/2-13UNC	1/2-12BSW	23.3	0.92	390	15.35	1059	477	4714
GSC9	8"	M16	5/8-11UNC	5/8-11BSW	19.1	0.75	461	18.15	1619	729	7205
GSC9	10"	M16	5/8-11UNC	5/8-11BSW	19	0.75	515	20.28	2339	1053	10408
GSC9	12"	M16	5/8-11UNC	5/8-11BSW	18.9	0.74	566	22.28	3159	1422	14055

PIPE CLAMPS

VERTICAL TYPE PIPE BUNDLE WITH FELT FOR COPPER TUBING

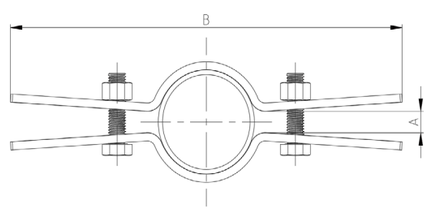


- **Function:** For supporting vertical pipes.
- **Material:** Carbon steel
- **Finish:** Electro-galvanized (Hot dipped galvanized with electro-galvanized hardware upon request)
- **Approvals:** Underwriters' Laboratories Listed in the U.S. (UL), Canada (CUL), for use with standard steel pipe sizes 1/2" to 12".Factory Mutual Approved for steel pipe sizes 3/4"to 12".Complies with Manufacturers' Standardization Society ANSI/MSS SP-58 (Type 8) which supersedes ANSI/MSS SP-69.
- **Ordering:** Specify size,Finish.

Item	Size	Bolts			A		B		Max. Rec. Load		
		mm	in	in	mm	in	mm	in	Lbs	Kg	N
GSC9	1/2"	M10	3/8-16UNC	3/8-16BSW	10.5	0.41	223	8.78	299	135	1334
GSC9	3/4"	M10	3/8-16UNC	3/8-16BSW	12.1	0.48	229	9.02	299	135	1334
GSC9	1"	M10	3/8-16UNC	3/8-16BSW	12.2	0.48	235	9.25	299	135	1334
GSC9	1-1/4"	M10	3/8-16UNC	3/8-16BSW	12.2	0.48	244	9.61	299	135	1334
GSC9	1-1/2"	M10	3/8-16UNC	3/8-16BSW	12.3	0.48	250	9.84	299	135	1334
GSC9	2"	M12	1/2-13UNC	1/2-12BSW	15.3	0.60	262	10.31	299	135	1334
GSC9	2-1/2"	M12	1/2-13UNC	1/2-12BSW	16	0.63	278	10.94	339	153	1512
GSC9	3"	M12	1/2-13UNC	1/2-12BSW	18.9	0.74	291	11.46	419	189	1868
GSC9	3-1/2"	M12	1/2-13UNC	1/2-12BSW	19.6	0.77	313	12.32	499	225	2224
GSC9	4"	M12	1/2-13UNC	1/2-12BSW	19.3	0.76	326	12.83	599	270	2668
GSC9	5"	M12	1/2-13UNC	1/2-12BSW	20.3	0.80	362	14.25	799	360	3558
GSC9	6"	M12	1/2-13UNC	1/2-12BSW	23.3	0.92	390	15.35	1059	477	4714
GSC9	8"	M16	5/8-11UNC	5/8-11BSW	19.1	0.75	461	18.15	1619	729	7205
GSC9	10"	M16	5/8-11UNC	5/8-11BSW	19	0.75	515	20.28	2339	1053	10408
GSC9	12"	M16	5/8-11UNC	5/8-11BSW	18.9	0.74	566	22.28	3159	1422	14055

PIPE CLAMPS

COPPER TUBING RISER CLAMP

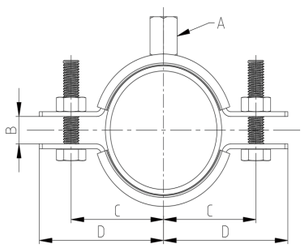


- **Function:** Designed for supporting and stabilizing vertical tubing runs.
- **Material:** Carbon steel
- **Finish:** Copper Electrostatic Spray
- **Approvals:** Complies with Manufacturers' Standardization Society ANSI/MSS SP-58 (Type 8) which supersedes ANSI/MSS SP-69.
- **Ordering:** Specify size.

Item	Size	Bolts			A		B		Max. Rec. Load		
		mm	in	in	mm	in	mm	in	Lbs	Kg	N
GSCT	1/2"	M10	3/8-16UNC	3/8-16BSW	10.5	0.41	217.6	8.57	299	135	1334
GSCT	3/4"	M10	3/8-16UNC	3/8-16BSW	12	0.47	224.5	8.84	299	135	1334
GSCT	1"	M10	3/8-16UNC	3/8-16BSW	12.2	0.48	230.2	9.06	299	135	1334
GSCT	1-1/4"	M10	3/8-16UNC	3/8-16BSW	12.1	0.48	236.7	9.32	299	135	1334
GSCT	1-1/2"	M10	3/8-16UNC	3/8-16BSW	12.3	0.48	243	9.57	299	135	1334
GSCT	2"	M12	1/2-13UNC	1/2-12BSW	15.4	0.61	255.7	10.07	299	135	1334
GSCT	2-1/2"	M12	1/2-13UNC	1/2-12BSW	16.1	0.63	271.7	10.70	339	153	1512
GSCT	3"	M12	1/2-13UNC	1/2-12BSW	18.8	0.74	281.5	11.08	419	189	1868
GSCT	3-1/2"	M12	1/2-13UNC	1/2-12BSW	19.7	0.78	303.5	11.95	499	225	2224
GSCT	4"	M12	1/2-13UNC	1/2-12BSW	19.4	0.76	316.5	12.46	599	270	2668
GSCT	5"	M12	1/2-13UNC	1/2-12BSW	20.4	0.80	350.9	13.81	799	360	3558
GSCT	6"	M12	1/2-13UNC	1/2-12BSW	23.4	0.92	377.3	14.85	1059	477	4714

PIPE CLAMPS

DOUBLE SCREW BUNDLE

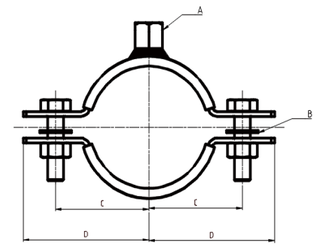


- **Function:** Designed for non-insulated stationary pipe lines in either a horizontal or vertical position.
- **Material:** The main body of the carbon steel, Article rubber EPDM(According to the demand can not use rubber strip)
- **Finish:** Electro-galvanized
- **Approvals:** Underwriters' Laboratories Listed in the U.S. (UL), Canada (CUL), for use with standard steel pipe sizes 1/2" to 12".Factory Mutual Approved for steel pipe sizes 3/4"to 12".Complies with Manufacturers' Standardization Society ANSI/MSS SP-58 (Type 12) which supersedes ANSI/MSS SP-69.
- **Maximum Temperature:** -20° C ——110° C
- **Ordering:** Specify size.

Item	Size	Bolts			A			B		C		D		Max. Rec. Load		
		mm	in	in	mm	in	in	mm	in	mm	in	mm	in	Lbs	Kg	N
GSV9	1/2"	M8	5/16-18UNC	5/16-18BSW	M8/M10	5/1618UNC 3/8-16UNC	5/1618BSW 3/8-16BSW	8.8	0.35	24.5	0.96	34.5	1.36	299	135	1334
GSV9	3/4"	M8	5/16-18UNC	5/16-18BSW	M8/M10	5/1618UNC 3/8-16UNC	5/1618BSW 3/8-16BSW	8.2	0.32	27.5	1.08	37.5	1.48	299	135	1334
GSV9	1"	M8	5/16-18UNC	5/16-18BSW	M8/M10	5/1618UNC 3/8-16UNC	5/1618BSW 3/8-16BSW	7.9	0.31	31.5	1.24	41.5	1.63	299	135	1334
GSV9	1-1/4"	M8	5/16-18UNC	5/16-18BSW	M8/M10	5/1618UNC 3/8-16UNC	5/1618BSW 3/8-16BSW	8.7	0.34	36	1.42	46	1.81	299	135	1334
GSV9	1-1/2"	M8	5/16-18UNC	5/16-18BSW	M8/M10	5/1618UNC 3/8-16UNC	5/1618BSW 3/8-16BSW	8.8	0.35	40.5	1.59	50.5	1.99	299	135	1334
GSV9	2"	M8	5/16-18UNC	5/16-18BSW	M10/M12	3/8-16UNC 1/2-13UNC	3/8-16BSW 1/2-12BSW	8.8	0.35	51	2.01	71	2.80	299	135	1334
GSV9	2-1/2"	M10	3/8-16UNC	3/8-16BSW	M10/M12	3/8-16UNC 1/2-13UNC	3/8-16BSW 1/2-12BSW	15.5	0.61	58	2.28	78	3.07	339	153	1512
GSV9	3"	M10	3/8-16UNC	3/8-16BSW	M10/M12	3/8-16UNC 1/2-13UNC	3/8-16BSW 1/2-12BSW	18.4	0.72	66	2.60	86	3.39	419	189	1868
GSV9	3-1/2"	M10	3/8-16UNC	3/8-16BSW	M10/M12	3/8-16UNC 1/2-13UNC	3/8-16BSW 1/2-12BSW	18.1	0.71	70	2.76	90	3.54	499	225	2224
GSV9	4"	M12	1/2-13UNC	1/2-12BSW	M10/M12	3/8-16UNC 1/2-13UNC	3/8-16BSW 1/2-12BSW	19.7	0.78	85	3.35	105	4.13	599	270	2668
GSV9	5"	M12	1/2-13UNC	1/2-12BSW	M10/M12	3/8-16UNC 1/2-13UNC	3/8-16BSW 1/2-12BSW	20.7	0.81	99	3.90	119	4.69	799	360	3558
GSV9	6"	M12	1/2-13UNC	1/2-12BSW	M10/M12	3/8-16UNC 1/2-13UNC	3/8-16BSW 1/2-12BSW	19.7	0.78	112.5	4.43	132.5	5.22	1059	477	4714
GSV9	8"	M12	1/2-13UNC	1/2-12BSW	M16	5/8-11UNC	5/8-11BSW	26.9	1.06	135	5.31	155	6.10	1619	729	7205
GSV9	10"	M12	1/2-13UNC	1/2-12BSW	M16	5/8-11UNC	5/8-11BSW	24. 8	0. 98	167	6. 57	192	7. 56	2339	1053	10408
GSV9	12"	M12	1/2-13UNC	1/2-12BSW	M16	5/8-11UNC	5/8-11BSW	24. 7	0. 97	195. 5	7. 70	220. 5	8. 68	3159	1422	14055

PIPE CLAMPS

DOUBLE SCREW BUNDLE (SINGLE THREADED HANGING NUT)WITH RUBBER

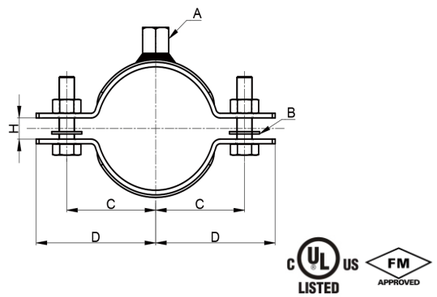


- **Function:** Designed for non-insulated stationary pipe lines in either a horizontal or vertical position.
- **Material:** The main body of the carbon steel, Article rubber EPDM(According to the demand can not use rubber strip),The gasket material is PE
- **Finish:** Electro-galvanized、Hot dipped galvanized
- **Approvals:** Underwriters' Laboratories Listed in the U.S. (UL), Canada (CUL), for use with standard steel pipe sizes 3/4" to 2".Factory Mutual Approved for steel pipe sizes 3/4"to 2".Complies with Manufacturers' Standardization Society ANSI/MSS SP-58 (Type 12) which supersedes ANSI/MSS SP-69.
- **Ordering:** Specify size, Finish.

Item	Size	Bolts			A			B	C		D	
		mm	in	in	mm	in	in	mm	mm	in	mm	in
GSV9	3/4"	M8	5/16-18UNC	5/16-18BSW	M10	3/8-16UNC	3/8-16BSW	ϕ8	27.5	1.08	37.5	1.48
GSV9	1"	M8	5/16-18UNC	5/16-18BSW	M10	3/8-16UNC	3/8-16BSW	ϕ8	31.5	1.24	41.5	1.63
GSV9	1-1/4"	M8	5/16-18UNC	5/16-18BSW	M10	3/8-16UNC	3/8-16BSW	ϕ8	36	1.42	46	1.81
GSV9	2"	M8	5/16-18UNC	5/16-18BSW	M10	3/8-16UNC	3/8-16BSW	ϕ10	48	1.89	68	2.68

PIPE CLAMPS

DOUBLE SCREW BUNDLE (SINGLE THREADED HANGING NUT)



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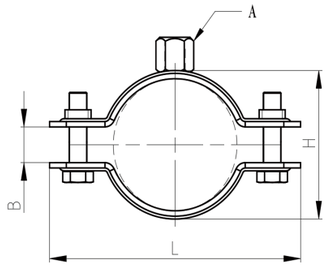
- **Function:** Designed for non-insulated stationary pipe lines in either a horizontal or vertical position.
- **Material:** Carbon steel(The gasket material is PE)
- **Finish:** Electro-galvanized、Hot dipped galvanized
- **Approvals:** Underwriters' Laboratories Listed in the U.S. (UL), Canada (CUL), for use with standard steel pipe sizes 1/2" to 12".Factory Mutual Approved for steel pipe sizes 3/4"to 12".Complies with Federal Specification A-A-1192A (Type 12) and Manufacturers' Standardization Society ANSI/MSS SP-58 (Type 12) .
- **Ordering:** Specify size, Finish.

Item	Size	Bolts			A			B	H		C		D		Max. Rec. Load		
		mm	in	in	mm	in	in	mm	mm	in	mm	in	mm	in	Lbs	Kg	N
GSV9	1/2"	M8	5/16-18UNC	5/16-18BSW	M10	3/8-16UNC	3/8-16BSW	Φ8	7.5	0.30	24.5	0.96	34.5	1.36	299	135	1334
GSV9	3/4"	M8	5/16-18UNC	5/16-18BSW	M10	3/8-16UNC	3/8-16BSW	Φ8	7.5	0.30	27.5	1.08	37.5	1.48	299	135	1334
GSV9	1"	M8	5/16-18UNC	5/16-18BSW	M10	3/8-16UNC	3/8-16BSW	Φ8	7.5	0.30	31.5	1.24	41.5	1.63	299	135	1334
GSV9	1-1/4"	M8	5/16-18UNC	5/16-18BSW	M10	3/8-16UNC	3/8-16BSW	Φ8	7.5	0.30	36	1.42	46	1.81	299	135	1334
GSV9	1-1/2"	M8	5/16-18UNC	5/16-18BSW	M10	3/8-16UNC	3/8-16BSW	Φ8	7.5	0.30	40.5	1.59	50.5	1.99	299	135	1334
GSV9	2"	M10	3/8-16UNC	3/8-16BSW	M10	3/8-16UNC	3/8-16BSW	Φ10	7.5	0.30	51	2.01	71	2.80	299	135	1334
GSV9	2-1/2"	M10	3/8-16UNC	3/8-16BSW	M10	3/8-16UNC	3/8-16BSW	Φ10	7.5	0.30	58	2.28	78	3.07	339	153	1512
GSV9	3"	M10	3/8-16UNC	3/8-16BSW	M10	3/8-16UNC	3/8-16BSW	Φ10	7.5	0.30	66	2.60	86	3.39	419	189	1868
GSV9	4"	M12	1/2-13UNC	1/2-12BSW	M10	3/8-16UNC	3/8-16BSW	Φ12	10.5	0.41	85	3.35	105	4.13	599	270	2668
GSV9	5"	M12	1/2-13UNC	1/2-12BSW	M10	3/8-16UNC	3/8-16BSW	Φ12	10.5	0.41	99	3.90	119	4.69	799	360	3558
GSV9	6"	M12	1/2-13UNC	1/2-12BSW	M12	1/2-13UNC	1/2-12BSW	Φ12	10.5	0.41	112.5	4.43	132.5	5.22	1059	477	4714

PIPE CLAMPS

SPLIT RING HANGER

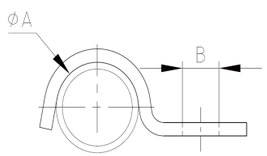


- **Function:** Designed for non-insulated stationary pipe lines in either a horizontal or vertical position.
- **Material:** 304 Stainless Steel
- **Finish:** Plain
- **Approvals:** Complies with Manufacturers' Standardization Society ANSI/MSS SP-58 (Type 12)which supersedes ANSI/MSS SP-69.
- **Maximum Temperature:** 343° C (650° F)
- **Ordering:** Specify Size.

Item	Size	Bolts			A			L		B		H		Max. Rec. Load		
		mm	in	in	mm	in	in	mm	in	mm	in	mm	in	Lbs	Kg	N
GSS	3/8"	M8	5/16-18UNC	5/16-18BSW	M10	3/8-16UNC	3/8-16BSW	57.1	2.25	10	0.39	20.1	0.79	179.9	81	800
GSS	1/2"	M8	5/16-18UNC	5/16-18BSW	M10	3/8-16UNC	3/8-16BSW	61.3	2.41	10	0.39	24.3	0.96	179.9	81	800
GSS	3/4"	M8	5/16-18UNC	5/16-18BSW	M10	3/8-16UNC	3/8-16BSW	66.7	2.63	10	0.39	29.7	1.17	179.9	81	800
GSS	1"	M8	5/16-18UNC	5/16-18BSW	M10	3/8-16UNC	3/8-16BSW	73.4	2.89	10	0.39	36.4	1.43	179.9	81	800
GSS	1-1/4"	M8	5/16-18UNC	5/16-18BSW	M10	3/8-16UNC	3/8-16BSW	82.2	3.24	10	0.39	45.2	1.78	179.9	81	800
GSS	1-1/2"	M8	5/16-18UNC	5/16-18BSW	M10	3/8-16UNC	3/8-16BSW	88.3	3.48	10	0.39	51.3	2.02	179.9	81	800
GSS	2"	M8	5/16-18UNC	5/16-18BSW	M10	3/8-16UNC	3/8-16BSW	100	3.94	10	0.39	63.3	2.49	179.9	81	800
GSS	3"	M10	3/8-16UNC	3/8-16BSW	M12	1/2-13UNC	1/2-12BSW	158.9	6.26	10	0.39	91.9	3.62	299	135	1330
GSS	4"	M10	3/8-16UNC	3/8-16BSW	M12	1/2-13UNC	1/2-12BSW	184.3	7.26	10	0.39	118.3	4.66	299	135	1330

PIPE CLAMPS

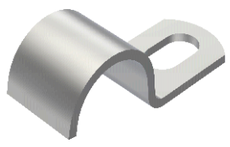
ONE HOLE STRAP

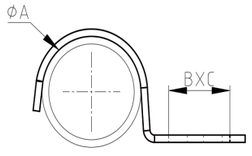


- **Function:** Designed for the support on walls or sides of beams. Not recommended for use horizontally, on ceilings, or bottoms of beams.
- **Material:** Carbon steel
- **Finish:** Electro-galvanized
- **Ordering:** Specify Size.

Item	Size	A		B	
		mm	in	mm	in
GJD	Φ6	6	0.24	6.5	0.26
GJD	Φ8	8	0.31	6.5	0.26
GJD	Φ10	10	0.39	6.5	0.26
GJD	Φ12	12	0.47	6.5	0.26
GJD	Φ14	14	0.55	6.5	0.26
GJD	Φ16	16	0.63	6.5	0.26
GJD	Φ18	18	0.71	6.5	0.26

ONE HOLE STRAP



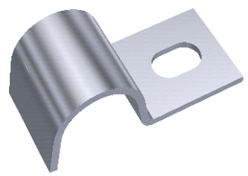


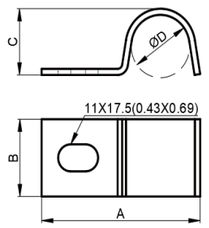
- **Function:** Designed for the support of EMT conduit on walls or sides of beams. Not recommended for use horizontally, on ceilings, or bottoms of beams.
- **Material:** 304 Stainless Steel
- **Finish:** Plain
- **Maximum Temperature:** 343° C (650° F)
- **Ordering:** Specify Size.

Item	Size	A		B	
		mm	in	mm	in
GJD	Φ14	14	0.55	6.3X11	0.25X0.43
GJD	Φ22	22	0.87	8.3X12	0.33X0.47

PIPE CLAMPS

ONE HOLE STRAP-RUBBER HOSE

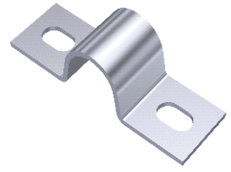


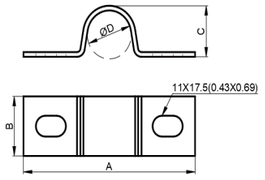


- **Function:** Used for fixing rubber hoses
- **Material:** Carbon steel
- **Finish:** Electro-galvanized、Hot dipped galvanized
- **Ordering:** Finish.

Item	Size	A		B		C		D	
		mm	in	mm	in	mm	in	mm	in
GJD	26	70	2.76	31.5	1.24	27	1.06	25.6	1.01

TWO HOLE STRAP-RUBBER HOSE



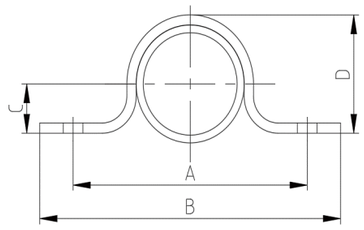


- **Function:** Used for fixing rubber hoses
- **Material:** Carbon steel
- **Finish:** Electro-galvanized、Hot dipped galvanized
- **Ordering:** Finish.

Item	Size	A		B		C		D	
		mm	in	mm	in	mm	in	mm	in
GJD2	26	100	3.94	31.5	1.24	27	1.06	25.6	1.01
GJD2	32	106	4.17	31.5	1.24	33	1.30	32	1.26

PIPE CLAMPS

SHORT PIPE STRAP

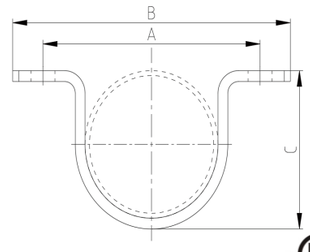


- **Function:** Designed to hold pipe flush with mounting surface.
- **Material:** Carbon steel
- **Finish:** Electro-galvanized
- **Maximum Temperature:** 343° C (650° F)
- **Ordering:** Specify Size.

Item	Size	A		B		C		D		Max. Rec. Load		
		mm	in	mm	in	mm	in	mm	in	Lbs	Kg	N
GSA	1/2"	68	2.68	95	3.74	9.87	0.39	25.45	1.00	300	135	1330
GSA	3/4"	75	2.95	102	4.02	11.02	0.43	29.75	1.17	300	135	1330
GSA	1"	88	3.46	115	4.53	13.72	0.54	34.25	1.35	300	135	1330
GSA	1-1/4"	95	3.74	122	4.80	18.27	0.72	43.95	1.73	300	135	1330
GSA	1-1/2"	110	4.33	137	5.39	20.27	0.80	48.95	1.93	300	135	1330
GSA	2"	126	4.96	153	6.02	24.22	0.95	59.25	2.33	300	135	1330

PIPE CLAMPS

OHM PIPE DUNDLE

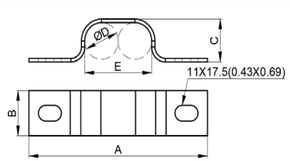


- **Function:** Designed to hold pipe flush with mounting surface.
- **Material:** Carbon steel
- **Finish:** Electro-galvanized、Hot dipped galvanized
- **Approvals:** Underwriters' Laboratories Listed in the U.S. (UL), Canada (CUL), for use with standard steel pipe sizes 1/2" to 12".Factory Mutual Approved for steel pipe sizes 3/4" to 12".Complies with Manufacturers' Standardization Society ANSI/MSS SP-58(Type 26) which supersedes ANSI/MSS SP-69.
- **Maximum Temperature:** 343° C (650° F)
- **Ordering:** Specify Size.

Item	Size	A		B		C		Max. Rec. Load		
		mm	in	mm	in	mm	in	Lbs	Kg	N
GSM9	1/2"	50	1.97	72	2.83	24.25	0.95	299	135	1334
GSM9	3/4"	54	2.13	76	2.99	29.65	1.17	299	135	1334
GSM9	1"	68	2.68	90	3.54	36.35	1.43	299	135	1334
GSM9	1-1/4"	73	2.87	95	3.74	45.15	1.78	299	135	1334
GSM9	1-1/2"	81	3.19	103	4.06	51.25	2.02	299	135	1334
GSM9	2"	110	4.33	144	5.67	65.8	2.59	299	135	1334
GSM9	2-1/2"	122	4.80	156	6.14	78.5	3.09	339	153	1512
GSM9	3"	138	5.43	172	6.77	94.4	3.72	419	189	1868
GSM9	3-1/2"	151	5.94	185	7.28	107.1	4.22	499	225	2224
GSM9	4"	164	6.46	198	7.80	119.8	4.72	599	270	2668
GSM9	5"	191	7.52	225	8.86	146.8	5.78	799	360	3558
GSM9	6"	218	8.58	152	5.98	173.8	6.84	1059	477	4714
GSM9	8"	270	10.63	304	11.97	224.6	8.84	1619	729	7205
GSM9	10"	335	13.19	369	14.53	280.4	11.04	2339	1053	10408
GSM9	12"	386	15.20	420	16.54	331.3	13.04	3159	1422	14055

PIPE CLAMPS

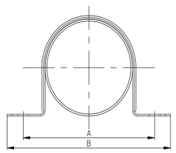
DOUBLE TUBE CLAMP-RUBBER HOSE



- **Function:** Used for fixing rubber hoses
- **Material:** Carbon steel
- **Finish:** Electro-galvanized、Hot dipped galvanized
- **Ordering:** Finish.

Item	Size	A		B		C		D		E	
		mm	in	mm	in	mm	in	mm	in	mm	in
GJSG	26	136	5.35	31.5	1.24	30	1.18	25.6	1.01	51	2.01

TWO HOLE STRAP

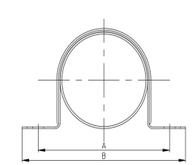


- **Function:** Designed for the support on walls or sides of beams.Designed to hold pipe flush with mounting surface for light duty applications.
- **Material:** Carbon steel
- **Finish:** Pre-galvanized
- **Maximum Temperature:** 343° C (650° F)
- **Ordering:** Specify Size, Finish.

Item	Size	A		B		Max. Rec. Load		
		mm	in	mm	in	Lbs	Kg	N
GJD2	3/4"	50	1.97	63	2.48	50.7	23	225.4
GJD2	1"	58	2.28	77.5	3.05	59.5	27	264.6
GJD2	1-1/4"	66	2.60	85.5	3.37	75	34	333.2
GJD2	1-1/2"	70.5	2.78	90	3.54	79.5	36	352.8
GJD2	2"	88	3.46	107.5	4.23	99	45	441
GJD2	3"	122.5	4.82	153.5	6.04	165	74	735
GJD2	4"	149.5	5.89	180.5	7.11	330.5	149	1470

PIPE CLAMPS

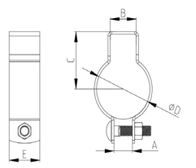
TWO HOLE STRAP



- **Function:** Designed for the support on walls or sides of beams.Designed to hold pipe flush with mounting surface for light duty applications.
- **Material:** 304 Stainless Steel
- **Finish:** Plain
- **Maximum Temperature:** 343° C (650° F)
- **Ordering:** Specify Size.

Item	Size	A		B		Max. Rec. Load		
		mm	in	mm	in	Lbs	Kg	N
GJD2	4"	142	5.59	157	6.18	330.5	149	1470

ELASTIC PIPE CLAMP

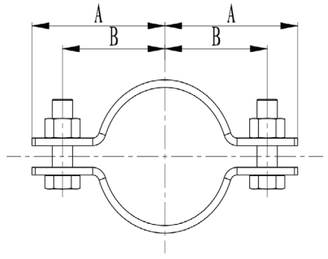


- **Function:** Designed to support or suspend lightduty stationary pipe runs
- **Material:** Carbon steel
- **Finish:** Pre-galvanized
- **Ordering:** Specify size.

Item	Size	Bolts			D	A		B		C		E	
		mm	in	in	mm	mm	in	mm	in	mm	in	mm	in
TXGJ	1/2"	M6	1/4-20UNC	1/4-20BSW	21.3	12	0.47	17	0.67	23	0.91	20	0.79
TXGJ	3/4"	M6	1/4-20UNC	1/4-20BSW	26.7	12	0.47	17	0.67	24.6	0.97	20	0.79
TXGJ	1"	M6	1/4-20UNC	1/4-20BSW	33.4	12	0.47	17	0.67	31.7	1.25	20	0.79
TXGJ	1-1/4"	M6	1/4-20UNC	1/4-20BSW	42.2	12	0.47	17	0.67	35.7	1.41	20	0.79
TXGJ	1-1/2"	M8	5/16-18UNC	5/16-18BSW	48.3	18	0.71	20	0.79	41.3	1.63	25	0.98
TXGJ	2"	M8	5/16-18UNC	5/16-18BSW	60.3	18	0.71	20	0.79	47.6	1.87	30	1.18

PIPE CLAMPS

FLAT PIPE CLAMP(CARBON STEEL PIPE)

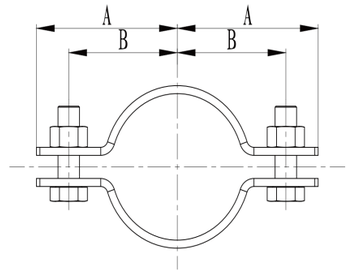


- **Function:** Designed for non-insulated stationary pipe lines in either a horizontal or vertical position.
- **Material:** Carbon steel
- **Finish:** Electro-galvanized
- **Maximum Temperature:** 343° C (650° F)
- **Ordering:** Specify size

Item	Size	Bolts			A		B		Max. Rec. Load		
		mm	in	in	mm	in	mm	in	Lbs	Kg	N
BGJ	1/2"	M12	1/2-13UNC	1/2-12BSW	50	1.97	32	1.26	692.4	314	3080
BGJ	3/4"	M12	1/2-13UNC	1/2-12BSW	53.5	2.11	35.5	1.40	748.6	340	3330
BGJ	1"	M12	1/2-13UNC	1/2-12BSW	57	2.24	39	1.54	800.3	363	3560
BGJ	1-1/4"	M12	1/2-13UNC	1/2-12BSW	62	2.44	44	1.73	894.7	406	3980
BGJ	1-1/2"	M12	1/2-13UNC	1/2-12BSW	65.5	2.58	47.5	1.87	1002.6	455	4460
BGJ	2"	M12	1/2-13UNC	1/2-12BSW	71.5	2.81	53.5	2.11	1306.1	593	5810
BGJ	2-1/2"	M12	1/2-13UNC	1/2-12BSW	78.5	3.09	60.5	2.38	1548.9	703	6890
BGJ	3"	M12	1/2-13UNC	1/2-12BSW	86.5	3.41	68.5	2.70	1620.9	736	7210
BGJ	4"	M12	1/2-13UNC	1/2-12BSW	102	4.02	81	3.19	1913.1	869	8510
BGJ	5"	M12	1/2-13UNC	1/2-12BSW	116	4.57	95	3.74	2293.1	1041	10200
BGJ	6"	M12	1/2-13UNC	1/2-12BSW	130	5.12	109	4.29	2544.8	1155	11320
BGJ	8"	M12	1/2-13UNC	1/2-12BSW	155.5	6.12	134.5	5.30	2756.2	1251	12260
BGJ	10"	M12	1/2-13UNC	1/2-12BSW	183	7.20	162	6.38	3304.7	1500	14700

PIPE CLAMPS

FLAT PIPE CLAMP (COPPER OR STAINLESS STEEL PIPES)

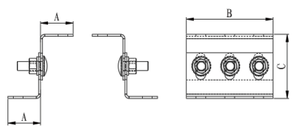


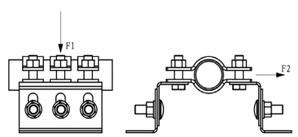
- **Function:** Designed for non-insulated stationary pipe lines in either a horizontal or vertical position.
- **Material:** Carbon steel
- **Finish:** Black nylon plastic powder
- **Ordering:** Specify size

Item	Size	Bolts			A		B		Max. Rec. Load		
		mm	in	in	mm	in	mm	in	Lbs	Kg	N
BGJT	1/2"	M12	1/2-13UNC	1/2-12BSW	45	1.77	27	1.06	645.2	290	2870
BGJT	3/4"	M12	1/2-13UNC	1/2-12BSW	50.5	1.99	32.5	1.28	692.4	312	3080
BGJT	1"	M12	1/2-13UNC	1/2-12BSW	54	2.13	36	1.42	721.6	325	3210
BGJT	1-1/4"	M12	1/2-13UNC	1/2-12BSW	58.5	2.30	40.5	1.59	820.6	369	3650
BGJT	1-1/2"	M12	1/2-13UNC	1/2-12BSW	62	2.44	44	1.73	908.2	409	4040
BGJT	2"	M12	1/2-13UNC	1/2-12BSW	68.5	2.70	50.5	1.99	1209.5	544	5380
BGJT	2-1/2"	M12	1/2-13UNC	1/2-12BSW	75.5	2.97	57.5	2.26	1348.9	607	6000
BGJT	3"	M12	1/2-13UNC	1/2-12BSW	80	3.15	62	2.44	1436.5	646	6390
BGJT	4"	M12	1/2-13UNC	1/2-12BSW	97	3.82	79	3.11	1771.5	797	7880

PIPE CLAMPS

SIDE BRACKET (62-98)

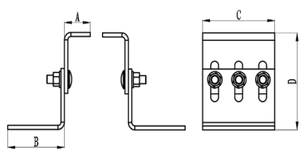


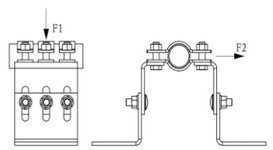


- **Function:** Stable support system with high load-bearing capacity for pipe installations.
- **Material:** Carbon steel
- **Finish:** Electro-galvanized
- **Ordering:** Specify size, Finish.

Item	Size	Bolts	A		B		C		F1 Max. Rec. Load				F2 Max. Rec. Load			
		mm	mm	in	mm	in	mm	in	C/mm	Lbs	Kg	N	C/mm	Lbs	Kg	N
CZJ	62-98	M12	45	1.77	120	4.72	62-98	2.44-3.86	62	3147.3	1416.3	14000	62	1011.6	455.2	4500
									98	2922.5	1315.1	13000	98	539.5	242.8	2400

SIDE BRACKET (96-152)



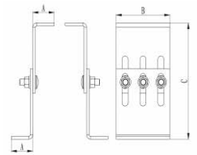


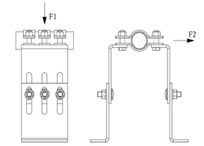
- **Function:** Designed for non-insulated stationary pipe lines in either a horizontal or vertical position.
- **Material:** Carbon steel(The gasket material is PE)
- **Finish:** Electro-galvanized
- **Ordering:** Specify size, Finish.

Item	Size	Bolts	A		B		C		D		F1 Max. Rec. Load				F2 Max. Rec. Load			
		mm	mm	in	mm	in	mm	in	mm	in	D/mm	Lbs	Kg	N	D/mm	Lbs	Kg	N
CZJ	96-152	M12	43	1.69	94. 5	3.72	120	4. 72	96-152	3.78-5.98	96	5620.2	2529.1	25000	96	1798.5	809.3	8000
											152	2922.5	1315.1	25000	152	1348.9	607.0	6000

PIPE CLAMPS

SIDE BRACKET(145-250)

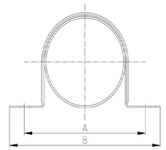




- **Function:** Designed for non-insulated stationary pipe lines in either a horizontal or vertical position.
- **Material:** Carbon steel(The gasket material is PE)
- **Finish:** Electro-galvanized
- **Ordering:** Specify size, Finish.

Item	Size	Bolts	A		B		C		F1 Max. Rec. Load				F2 Max. Rec. Load			
		mm	mm	in	mm	in	mm	in	C/mm	Lbs	Kg	N	C/mm	Lbs	Kg	N
CZJ	145-250	M12	43	1.69	94.5	3.72	145-250	5.71-9.84	145	4496.2	2023.3	20000	145	1348.9	607.0	6000
									250	2248.1	1011.6	10000	250	674.4	303.5	3000

TWO HOLE PIPE STRAP

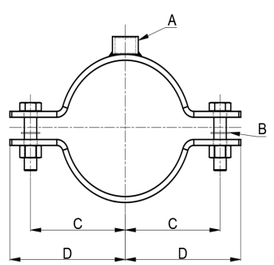


- **Function:** Designed for the support of EMT conduit on walls or sides of beams.Designed to hold pipe flush with mounting surface for light duty applications.
- **Material:** Carbon steel
- **Finish:** Pre-galvanized
- **Maximum Temperature:** 343° C (650° F)
- **Ordering:** Specify Size, Finish.

Item	Size	A		B		Max. Rec. Load		
		mm	in	mm	in	Lbs	Kg	N
GJD2	3/4"	50	1.97	63	2.48	50.7	23	225.4
GJD2	1"	58	2.28	77.5	3.05	59.5	27	264.6
GJD2	1-1/4"	66	2.60	85.5	3.37	75	34	333.2
GJD2	1-1/2"	70.5	2.78	90	3.54	79.5	36	352.8
GJD2	2"	88	3.46	107.5	4.23	99	45	441
GJD2	3"	122.5	4.82	153.5	6.04	165	74	735
GJD2	4"	149.5	5.89	180.5	7.11	330.5	149	1470

PIPE CLAMPS

WELDING INNER WIRE PIPE CLAMP

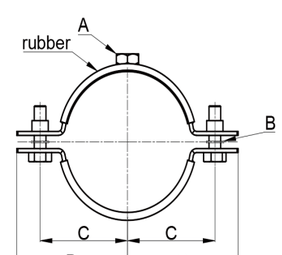


- **Function:** Designed for non-insulated stationary pipe lines in either a horizontal or vertical position.
- **Material:** Carbon steel
- **Finish:** Electro-galvanized
- **Maximum Temperature:** 343° C (650° F)
- **Ordering:** Specify size

Item	Size	Bolts	A	B	C		D	
	inch	mm	in	mm	mm	in	mm	in
GSLG	2-1/2"	M12	1"	ϕ12	133	5.24	133	5.24
GSLG	3"	M12	1"	ϕ12	153	6.02	153	6.02
GSLG	4"	M12	1"	ϕ12	183	7.20	183	7.20
GSLG	6"	M12	1"	ϕ12	225	8.86	225	8.86
GSLG		M12	2"	ϕ12				
GSLG	8"	M12	1-1/2"	ϕ12	275	10.83	275	10.83
GSLG		M12	2"	ϕ12				

PIPE CLAMPS

LIGHT DOUBLE SCREW BUNDLE

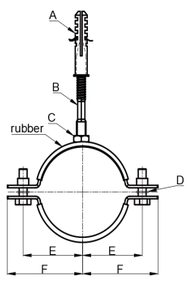


- **Function:** Designed for non-insulated stationary pipe lines in either a horizontal or vertical position.
- **Mateirial:** Carbon steel、EPDM(Rubber)、PE(B)
- **Finish:** Electro-galvanized
- **Approvals:** Complies with Manufacturers'Standardization Society ANSI/MSS SP-58 (Type 12)
- **Ordering:** Specify size, Finish.

Item	Size	Bolts	A		B		C		D		Max. Rec. Load		
		mm	mm	in	in	mm	in	mm	in	mm	in	Lbs	Kg	N
Qs2	3/8"	M5	M8	5/16-18UNC	5/16-18BSW	5	0.20	21.5	0.85	31	1.22	49.5	22	220
QS2	1/2"	M5	M8	5/16-18UNC	5/16-18BSW	5	0.20	23.5	0.93	33	1.30	49.5	22	220
QS2	3/4"	M5	M8	5/16-18UNC	5/16-18BSW	5	0.20	24.5	0.96	34	1.34	49.5	22	220
QS2	1"	M5	M8	5/16-18UNC	5/16-18BSW	5	0.20	28	1.10	37.5	1.48	49.5	22	220
QS2	1-1/4"	M6	M8	5/16-18UNC	5/16-18BSW	6	0.24	33.5	1.32	43	1.69	49.5	22	220
QS2	1-1/2"	M6	M8	5/16-18UNC	5/16-18BSW	6	0.24	37	1.46	46.5	1.83	49.5	22	220
QS2	1-3/4"	M6	M8	5/16-18UNC	5/16-18BSW	6	0.24	41	1.61	50.5	1.99	49.5	22	220
QS2	2"	M6	M8	5/16-18UNC	5/16-18BSW	6	0.24	43.5	1.71	53	2.09	49.5	22	220
QS2	2-1/2"	M6	M8	5/16-18UNC	5/16-18BSW	6	0.24	50.5	1.99	60	2.36	49.5	22	220
QS2	3"	M6	M8	5/16-18UNC	5/16-18BSW	6	0.24	56.5	2.22	66	2.60	49.5	22	220
QS2	3-1/2"	M6	M8	5/16-18UNC	5/16-18BSW	6	0.24	63	2.48	72.5	2.85	49.5	22	220
QS2	4"	M6	M8+M10	5/16-18UNC +3/8-16UNC	5/16-18BSW +3/8-16BSW	6	0.24	68	2.68	77.5	3.05	49.5	22	220
QS2	5"	M6	M8+M10	5/16-18UNC +3/8-16UNC	5/16-18BSW +3/8-16BSW	6	0.24	83.5	3.29	93	3.66	96.7	44	430
QS2	6"	M6	M8+M10	5/16-18UNC +3/8-16UNC	5/16-18BSW +3/8-16BSW	6	0.24	97	3.82	106.5	4.19	96.7	44	430
QS2	8"	M6	M8+M10	5/16-18UNC +3/8-16UNC	5/16-18BSW +3/8-16BSW	6	0.24	121.5	4.78	131	5.16	96.7	44	430

PIPE CLAMPS

LIGHT DOUBLE SCREW BUNDLE WITH PLASTIC EXPANSION SCREWS

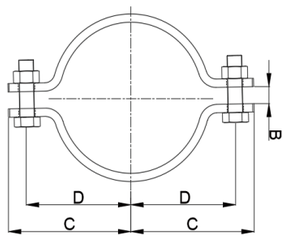


- **Function:** Designed for non-insulated stationary pipe lines in either a horizontal or vertical position.
- **Material:** Carbon steel、EPDM(Rubber)、PE(D)、Plastics (A)
- **Finish:** Electro-galvanized
- **Approvals:** Complies with Manufacturers' Standardization Society ANSI/MSS SP-58 (Type 12)
- **Ordering:** Specify size, Finish.

Item	Size	Bolts	A	B	C	D		E		F		Max. Rec. Load		
		mm	mm	mm	mm	mm	in	mm	in	mm	in	Lbs	Kg	N
QS7	3/8"	M5	S10X50	M8X80	M8	5	0.20	21.5	0.85	31	1.22	49.5	22	220
QS7	1/2"	M5	S10X50	M8X80	M8	5	0.20	23.5	0.93	33	1.30	49.5	22	220
QS7	3/4"	M5	S10X50	M8X80	M8	5	0.20	24.5	0.96	34	1.34	49.5	22	220
QS7	1"	M5	S10X50	M8X80	M8	5	0.20	28	1.10	37.5	1.48	49.5	22	220
QS7	1-1/4"	M6	S10X50	M8X80	M8	6	0.24	33.5	1.32	43	1.69	49.5	22	220
QS7	1-1/2"	M6	S10X50	M8X80	M8	6	0.24	37	1.46	46.5	1.83	49.5	22	220
QS7	1-3/4"	M6	S10X50	M8X80	M8	6	0.24	41	1.61	50.5	1.99	49.5	22	220
QS7	2"	M6	S10X50	M8X80	M8	6	0.24	43.5	1.71	53	2.09	49.5	22	220
QS7	2-1/2"	M6	S10X50	M8X80	M8	6	0.24	50.5	1.99	60	2.36	49.5	22	220
QS7	3"	M6	S10X50	M8X80	M8	6	0.24	56.5	2.22	66	2.60	49.5	22	220
QS7	3-1/2"	M6	S10X50	M8X80	M8	6	0.24	63	2.48	72.5	2.85	49.5	22	220
QS7	4"	M6	S10X50	M8X80	M8+M10	6	0.24	68	2.68	77.5	3.05	49.5	22	220
QS7	5"	M6	S10X50	M8X80	M8+M10	6	0.24	83.5	3.29	93	3.66	96.7	44	430
QS7	6"	M6	S10X50	M8X80	M8+M10	6	0.24	97	3.82	106.5	4.19	96.7	44	430
QS7	8"	M6	S14X75	M10X100	M8+M10	6	0.24	121.5	4.78	131	5.16	96.7	44	430

PIPE CLAMPS

HEAVY DUTY PIPE CLAMP

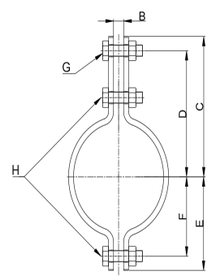


- **Function:** Designed to be used in the suspension of non-insulated pipe lines where heavier loads are to be suspended.
- **Mateirial:** Carbon steel (Type 304 or 316 Stainless Steel upon request)
- **Finish:** Plain 、Electro-galvanized (Hot dipped galvanized with electrogalvanized hardware upon request)
- **Approvals:** Complies with Manufacturers' Standardization Society ANSI/MSS SP58 (Type 4) which supersedes ANSI/MSS SP69.
- **Ordering:** Specify size, Finish.

Item	Size	Bolts	B		C		D		Max. Rec. Load		
		K04	mm	in	mm	in	mm	in	Lbs	Kg	N
GSL2	3"	3/4-10UNC	25.4	1.00	104.78	4.13	79.38	3.13	3370	1517	14990
GSL2	3 1/2"	3/4-10UNC	25.4	1.00	111.13	4.38	85.73	3.38	3370	1517	14990
GSL2	4"	7/8-9UNC	25.4	1.00	125.41	4.94	100.01	3.94	3515	1582	15640
GSL2	5"	7/8-9UNC	25.4	1.00	141.29	5.56	115.89	4.56	3515	1582	15640
GSL2	6"	1-8UNC	28.58	1.13	169.86	6.69	131.76	5.19	4865	2189	21640
GSL2	8"	1-8UNC	28.58	1.13	193.68	7.63	155.58	6.13	4865	2189	21640
GSL2	10"	1 1/4-7UNC	31.75	1.25	233.36	9.19	195.26	7.69	6010	2705	26730
GSL2	12"	1 1/2-6UNC	41.28	1.63	279.4	11.00	231.78	9.13	8675	3904	38590
GSL2	14"	1 1/2-6UNC	41.28	1.63	301.63	11.88	247.65	9.75	9120	4104	40570
GSL2	16"	1 1/2-6UNC	41.28	1.63	327.03	12.88	273.05	10.75	9120	4104	40570
GSL2	18"	2-4.5UNC	76.2	3.00	438.15	17.25	368.3	14.50	13800	6210	61390
GSL2	20"	2-4.5UNC	76.2	3.00	476.25	18.75	406.4	16.00	15300	6885	68060
GSL2	24"	2 1/4-4.5UNC	82.55	3.25	546.1	21.50	469.9	18.50	16300	7335	72510
GSL2	28"	2 1/4-4.5UNC	82.55	3.25	596.9	23.50	520.7	20.50	18000	8100	80070
GSL2	30"	2 1/2-4UNC	88.9	3.50	660.4	26.00	571.5	22.50	20500	9225	91190
GSL2	32"	2 1/2-4UNC	88.9	3.50	685.8	27.00	596.9	23.50	23750	10688	105650
GSL2	34"	2 1/2-4UNC	88.9	3.50	723.9	28.50	635	25.00	25000	11250	111210
GSL2	36"	2 3/4-4UNC	88.9	3.50	768.35	30.25	673.1	26.50	28000	12600	124550
GSL2	42"	2 3/4-4UNC	88.9	3.50	857.25	33.75	762	30.00	35000	15750	155690

PIPE CLAMPS

DOUBLE BOLT PIPE CLAMP

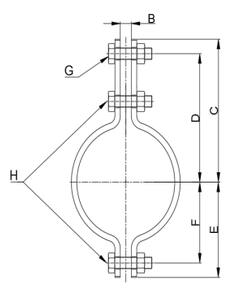


- **Function:** Designed for the suspension of high temperature insulated pipe lines.
- **Material:** Carbon steel (Type 304 or 316 Stainless Steel upon request)
- **Finish:** Plain、Electro-galvanized (Hot dipped galvanized with electrogalvanized hardware upon request)
- **Approvals:** Complies with Manufacturers' Standardization Society ANSI/MSS SP58 (Type 3) which supersedes ANSI/MSS SP69.
- **Ordering:** Specify size, Material,Finish.

Item	Size	Bolts		B		C		D		E		F		Max. Rec. Load		
		G(K04)	H(K04)	mm	in	mm	in	mm	in	mm	in	mm	in	Lbs	Kg	N
GSL3	3/4"	3/8-16UNC	3/8-16UNC	15.88	0.63	87.31	3.44	71.44	2.81	50.8	2.00	34.93	1.38	950	428	4230
GSL3	1"	3/8-16UNC	3/8-16UNC	15.88	0.63	88.9	3.50	73.03	2.88	50.8	2.00	34.93	1.38	950	428	4230
GSL3	1 1/4"	3/8-16UNC	3/8-16UNC	15.88	0.63	90.49	3.56	74.61	2.94	52.39	2.06	36.51	1.44	950	428	4230
GSL3	1 1/2"	5/8-11UNC	1/2-13UNC	25.4	1.00	133.35	5.25	117.48	4.63	66.68	2.63	50.8	2.00	1545	695	6870
GSL3	2"	5/8-11UNC	1/2-13UNC	25.4	1.00	136.53	5.38	120.65	4.75	69.85	2.75	53.98	2.13	1545	695	6870
GSL3	2 1/2"	5/8-11UNC	1/2-13UNC	25.4	1.00	144.46	5.69	128.59	5.06	77.79	3.06	61.91	2.44	1545	695	6870
GSL3	3"	5/8-11UNC	1/2-13UNC	25.4	1.00	152.4	6.00	136.53	5.38	85.73	3.38	69.85	2.75	1545	695	6870
GSL3	3 1/2"	5/8-11UNC	1/2-13UNC	25.4	1.00	160.34	6.31	144.46	5.69	93.66	3.69	77.79	3.06	1545	695	6870
GSL3	4"	3/4-10UNC	5/8-11UNC	25.4	1.00	204.79	8.06	179.39	7.06	128.59	5.06	103.19	4.06	2500	1125	11120
GSL3	5"	3/4-10UNC	5/8-11UNC	25.4	1.00	219.08	8.63	193.68	7.63	142.88	5.63	117.48	4.63	2500	1125	11120
GSL3	6"	7/8-9UNC	3/4-10UNC	38.1	1.50	250.83	9.88	219.08	8.63	161.93	6.38	130.18	5.13	2865	1289	12740
GSL3	8"	7/8-9UNC	3/4-10UNC	38.1	1.50	282.58	11.13	250.83	9.88	193.68	7.63	161.93	6.38	2865	1289	12740
GSL3	10"	1-8UNC	7/8-9UNC	38.1	1.50	314.33	12.38	282.58	11.13	225.43	8.88	193.68	7.63	3240	1458	14410
GSL3	12"	1-8UNC	7/8-9UNC	38.1	1.50	349.25	13.75	317.5	12.50	260.35	10.25	228.6	9.00	3240	1458	14410
GSL3	14"	1 1/4-7UNC	7/8-9UNC	38.1	1.50	382.59	15.06	344.49	13.56	290.51	11.44	252.41	9.94	4300	1935	19130
GSL3	16"	1 1/4-7UNC	7/8-9UNC	38.1	1.50	401.64	15.81	363.54	14.31	309.56	12.19	271.46	10.69	4300	1935	19130
GSL3	18"	1 1/4-7UNC	1-8UNC	38.1	1.50	423.86	16.69	392.11	15.44	338.14	13.31	300.04	11.81	4300	1935	19130
GSL3	20"	1 3/8-6UNC	1 1/8-7UNC	50.8	2.00	457.2	18.00	419.1	16.50	368.3	14.50	330.2	13.00	4500	2025	20020
GSL3	24"	1 3/8-6UNC	1 1/4-7UNC	50.8	2.00	514.35	20.25	476.25	18.75	425.45	16.75	387.35	15.25	5490	2471	24420

PIPE CLAMPS

HEAVY DUTY DOUBLE BOLT PIPE CLAMP

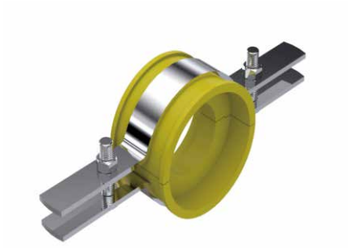


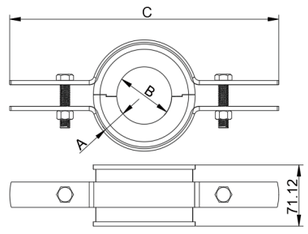
- **Function:** Designed for the suspension of high temperature pipe lines.
- **Mateirial:** Carbon steel (Type 304 or 316 Stainless Steel upon request)
- **Finish:** Plain、Electro-galvanized (Hot dipped galvanized with electrogalvanized hardware upon request)
- **Approvals:** Complies with Manufacturers' Standardization Society ANSI/MSS SP58 (Type 3) which supersedes ANSI/MSS SP69.
- **Ordering:** Specify size, Material,Finish.

Item	Size	Bolts		B		C		D		E		F		Max. Rec. Load		
		G(K04)	H(K04)	mm	in	mm	in	mm	in	mm	in	mm	in	Lbs	Kg	N
GSL4	6"	1-8UNC	1-8UNC	44.45	1.75	274.64	10.81	227.01	8.94	152.4	6.00	146.05	5.75	3500	1575	15570
GSL4	8"	1 1/8-7UNC	1-8UNC	50.8	2.00	288.93	11.38	257.18	10.13	184.15	7.25	152.4	6.00	4800	2160	21350
GSL4	10"	1 1/4-7UNC	1 1/4-7UNC	57.15	2.25	333.38	13.13	288.93	11.38	228.6	9.00	184.15	7.25	5500	2475	24470
GSL4	12"	1 1/2-6UNC	1 1/2-6UNC	63.5	2.50	363.54	14.31	319.09	12.56	263.53	10.38	219.08	8.63	7000	3150	31140
GSL4	14"	1 1/2-6UNC	1 1/2-6UNC	63.5	2.50	406.4	16.00	355.6	14.00	295.28	11.63	244.48	9.63	9500	4275	42260
GSL4	16"	1 3/4-	1 1/2-6UNC	76.2	3.00	457.2	18.00	400.05	15.75	333.38	13.13	276.23	10.88	10000	4500	44480
GSL4	18"	2-4.5UNC	2-4.5UNC	88.9	3.50	495.3	19.50	444.5	17.50	368.3	14.50	317.5	12.50	13800	6210	61390
GSL4	20"	2-4.5UNC	2-4.5UNC	88.9	3.50	552.45	21.75	488.95	19.25	406.4	16.00	342.9	13.50	15300	6885	68060
GSL4	24"	2-4.5UNC	2-4.5UNC	88.9	3.50	630.24	24.81	554.04	21.81	469.9	18.50	393.7	15.50	16300	7335	72510
GSL4	28"	2 1/4-4.5UNC	2 1/4-4.5UNC	101.6	4.00	806.45	31.75	692.15	27.25	593.73	23.38	479.43	18.88	18000	8100	80070
GSL4	30"	2 1/4-4.5UNC	2 1/4-4.5UNC	107.95	4.25	831.85	32.75	717.55	28.25	619.13	24.38	504.83	19.88	20500	9225	91190
GSL4	32"	2 1/2-4UNC	2 1/2-4UNC	107.95	4.25	914.4	36.00	787.4	31.00	679.45	26.75	552.45	21.75	23750	10688	105650
GSL4	34"	2 3/4-4UNC	2 1/2-4UNC	107.95	4.25	952.5	37.50	825.5	32.50	720.73	28.38	593.73	23.38	25000	11250	111210
GSL4	36"	2 3/4-4UNC	2 3/4-4UNC	114.3	4.50	1022.35	40.25	882.65	34.75	765.18	30.13	625.48	24.63	28000	12600	124550

PIPE CLAMPS

INSULATION RISER CLAMP



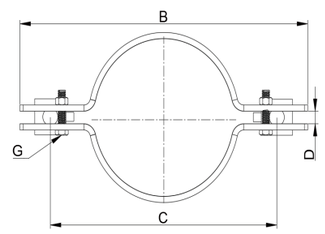


- **Function:** The patented Titan riser is made to fit insulated pipe and create a clean vapor barrier on vertical pipe runs.
- **Material:** Carbon steel clamp, Polyurethane.
- **Finish:** Electro-galvanized
- **Approvals:** Complies with Manufacturers' Standardization Society ANSI/MSS SP58 (Type 3) which supersedes ANSI/MSS SP69.
- **Ordering:** Specify size, Material,Finish.

Item	Size	Bolts	B		C		Max. Rec. Load		
		in	mm	in	mm	in	Lbs	Kg	N
GSC1	7/8X1	3/8-16UNC	22.23	0.88	257.18	10.13	75	34	330
GSC1	7/8X1 1/2	3/8-16UNC	28.58	1.13	276.23	10.88	120	54	530
GSC1	1 1/8X1	3/8-16UNC	34.93	1.38	292.1	11.50	150	68	670
GSC1	1 1/8X1 1/2	1/2-13UNC	41.28	1.63	292.1	11.50	150	68	670
GSC1	1 3/8X1	1/2-13UNC	53.98	2.13	292.1	11.50	190	86	850
GSC1	1 3/8X1 1/2	1/2-13UNC	66.68	2.63	317.5	12.50	300	135	1330
GSC1	1 5/8X1	1/2-13UNC	79.38	3.13	317.5	12.50	300	135	1330
GSC1	1 5/8X1 1/2	1/2-13UNC	104.78	4.13	350.52	13.80	320	144	1420
GSC1	2 1/8X1	3/8-16UNC	22.23	0.88	276.23	10.88	75	34	330
GSC1	2 1/8X1 1/2	3/8-16UNC	28.58	1.13	276.23	10.88	120	54	530
GSC1	2 5/8X1	3/8-16UNC	34.93	1.38	292.1	11.50	150	68	670
GSC1	2 5/8X1 1/2	1/2-13UNC	41.28	1.63	292.1	11.50	150	68	670
GSC1	3 1/8X1	1/2-13UNC	53.98	2.13	304.8	12.00	150	68	670
GSC1	3 1/8X1 1/2	1/2-13UNC	66.68	2.63	304.8	12.00	300	135	1330
GSC1	4 1/8X1	1/2-13UNC	79.38	3.13	330.2	13.00	300	135	1330
GSC1	4 1/8X1 1/2	1/2-13UNC	104.78	4.13	396.88	15.63	300	135	1330

PIPE CLAMPS

TWO BOLT UNDERGROUND PIPE CLAMP

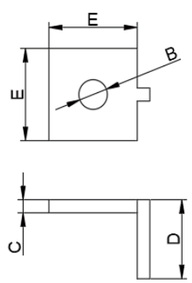


- **Function:** Designed for clamping the caulked joints of underground A.W.W.A. ductile iron water pipes to prevent separation of joints.
- **Mateirial:** Carbon steel (Type 304 or 316 Stainless Steel upon request)
- **Finish:** Plain、Electro-galvanized (Hot dipped galvanized with electrogalvanized hardware upon request)
- **Ordering:** Specify size, Material,Finish.

Item	Size	Max. Pipe O.D.		Bolts	Rec.Tie Rod	B		C		D	
		mm	mm	in	in	mm	in	mm	in	mm	in
GSC2	3"	100.58	298.45	5/8-11UNC	3/4-10UNC	298.45	11.75	228.6	9.00	31.75	1.25
GSC2	4"	121.92	330.2	5/8-11UNC	3/4-10UNC	330.2	13.00	260.35	10.25	31.75	1.25
GSC2	6"	175.26	377.83	5/8-11UNC	3/4-10UNC	377.83	14.88	304.8	12.00	31.75	1.25
GSC2	8"	229.87	438.15	5/8-11UNC	3/4-10UNC	438.15	17.25	368.3	14.50	31.75	1.25
GSC2	10"	281.94	495.3	5/8-11UNC	3/4-10UNC	495.3	19.50	425.45	16.75	31.75	1.25
GSC2	12"	335.28	552.45	5/8-11UNC	3/4-10UNC	552.45	21.75	482.6	19.00	31.75	1.25
GSC2	14"	388.62	708.03	7/8-9UNC	1-8UNC	708.03	27.88	593.73	23.38	34.93	1.38
GSC2	16"	441.96	739.77	1-8UNC	1 1/8-7UNC	739.77	29.12	647.7	25.50	38.1	1.50
GSC2	18"	495.3	819.15	1 1/2-6UNC	1 1/4-7UNC	819.15	32.25	711.2	28.00	38.1	1.50
GSC2	20"	548.64	844.55	1 1/2-6UNC	1 3/8-6UNC	844.55	33.25	755.65	29.75	41.28	1.63
GSC2	24"	655.32	958.85	1 1/2-6UNC	1 1/2-6UNC	958.85	37.75	863.6	34.00	44.45	1.75
GSC2	30"	812.8	1146.18	1 1/2-6UNC	1 3/4-5UNC	1146.18	45.13	1050.93	41.38	50.8	2.00
GSC2	36"	972.82	1289.05	1 1/2-6UNC	1 3/4-5UNC	1289.05	50.75	1181.1	46.50	63.5	2.50

PIPE CLAMPS

WASHER

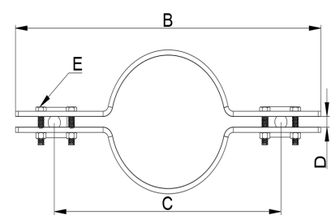


- **Function:** Designed to secure tie rods when used in conjunction with two bolts underground pipe clamp.
- **Material:** Carbon steel (Type 304 or 316 Stainless Steel upon request)
- **Finish:** Plain、Electro-galvanized (Hot dipped galvanized upon request)
- **Ordering:** Specify size, Material,Finish.

Item	Size	B		C		D		E		For Pipe Sizes
		mm	in	mm	in	mm	in	mm	in	in
DQ1	3/4	22.23	0.88	15.88	0.63	44.45	1.75	58.74	2.31	3-12
DQ1	1	28.58	1.13	12.7	0.50	76.2	3.00	88.9	3.50	14
DQ1	1 1/8	31.75	1.25	15.88	0.63	76.2	3.00	101.6	4.00	16
DQ1	1 1/4	34.93	1.38	15.88	0.63	76.2	3.00	101.6	4.00	18
DQ1	1 3/8	38.1	1.50	19.05	0.75	76.2	3.00	101.6	4.00	20
DQ1	1 1/2	41.28	1.63	19.05	0.75	76.2	3.00	101.6	4.00	24
DQ1	1 3/4	47.63	1.88	25.4	1.00	76.2	3.00	101.6	4.00	30-36

PIPE CLAMPS

TWO BOLT UNDERGROUND PIPE CLAMP

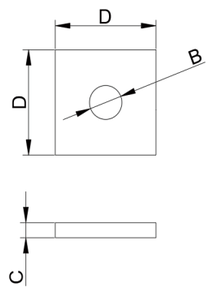


- **Function:** Designed for clamping the caulked joints of underground A.W.W.A. ductile iron water pipe lines to prevent separation of joints.
- **Material:** Carbon steel (Type 304 or 316 Stainless Steel upon request)
- **Finish:** Plain、Electro-galvanized (Hot dipped galvanized with electrogalvanized hardware upon request)
- **Ordering:** Specify size, Material,Finish.

Item	Size	Max. Pipe O.D.		Bolts	Rec.Tie Rod	B		C		D	
		mm	in	in	in	mm	in	mm	in	mm	in
GSC3	4"	121.92	4.80	5/8-11UNC	3/4-10UNC	371.48	14.63	244.48	9.63	31.75	1.25
GSC3	6"	175.26	6.90	5/8-11UNC	3/4-10UNC	428.63	16.88	301.63	11.88	31.75	1.25
GSC3	8"	229.87	9.05	5/8-11UNC	3/4-10UNC	485.78	19.13	358.78	14.13	31.75	1.25
GSC3	10"	281.94	11.10	3/4-10UNC	1-8UNC	542.93	21.38	422.28	16.63	31.75	1.25
GSC3	12"	335.28	13.20	7/8-9UNC	1-8UNC	638.18	25.13	498.48	19.63	31.75	1.25
GSC3	14"	388.62	15.30	7/8-9UNC	1 1/4-7UNC	717.55	28.25	568.33	22.38	44.45	1.75
GSC3	16"	441.96	17.40	1-8UNC	1 1/4-7UNC	796.93	31.38	644.53	25.38	44.45	1.75
GSC3	18"	495.3	19.50	1 1/4-7UNC	1 1/4-7UNC	892.18	35.13	714.38	28.13	44.45	1.75
GSC3	20"	548.64	21.60	1 1/4-7UNC	1 3/8-6UNC	958.85	37.75	774.7	30.50	44.45	1.75
GSC3	24"	655.32	25.80	1 1/2-6UNC	1 1/2-6UNC	1123.95	44.25	914.4	36.00	44.45	1.75

PIPE CLAMPS

WASHER

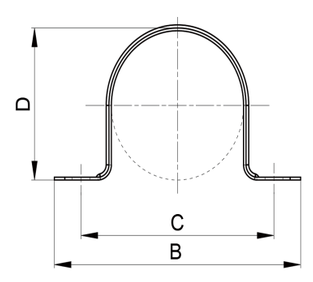


- **Function:** Designed to secure tie rods when used in conjunction with four bolts underground pipe clamp.
- **Material:** Carbon steel (Type 304 or 316 Stainless Steel upon request)
- **Finish:** Plain、Electro-galvanized (Hot dipped galvanized upon request)
- **Ordering:** Specify size, Material,Finish.

Item	Size	B		C		D		For Pipe Sizes
		mm	in	mm	in	mm	in	in
DQ2	3/4"	22.23	0.88	12.7	0.50	76.2	3.00	3-10
DQ2	1"	28.58	1.13	12.7	0.50	88.9	3.50	12-14
DQ2	1 1/8"	31.75	1.25	15.88	0.63	88.9	3.50	16
DQ2	1 1/4"	34.93	1.38	19.05	0.75	88.9	3.50	18
DQ2	1 3/8"	38.1	1.50	19.05	0.75	88.9	3.50	20
DQ2	1 1/2"	41.28	1.63	19.05	0.75	88.9	3.50	24

PIPE CLAMPS

TWO HOLE STRAP

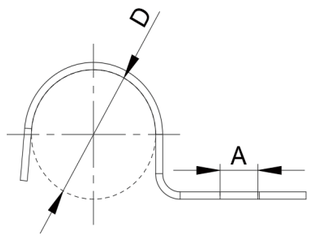


- **Function:** Designed to hold copper tubing flush with mounting surface for light duty applications.
- **Mateirial:** Carbon steel
- **Finish:** Copper color epoxy finish
- **Ordering:** Specify size, Material.

Item	Size	B		C		D	
		mm	in	mm	in	mm	in
GJD2T	1/4"	41.28	1.63	28.58	1.13	8.23	0.32
GJD2T	3/8"	46.04	1.81	33.34	1.31	11.4	0.45
GJD2T	1/2"	49.21	1.94	36.51	1.44	14.58	0.57
GJD2T	3/4"	57.15	2.25	44.45	1.75	20.93	0.82
GJD2T	1"	69.85	2.75	57.15	2.25	27.48	1.08
GJD2T	1 1/4"	66.68	2.63	53.98	2.13	33.83	1.33
GJD2T	1 1/2"	73.03	2.88	60.33	2.38	39.18	1.54
GJD2T	2"	85.73	3.38	73.03	2.88	52.88	2.08

PIPE CLAMPS

ONE HOLE STRAP

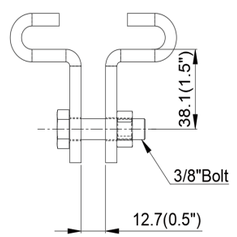


- **Function:** Designed for the support of standard copper tube (1), or EMT conduit (2) on walls or sides of beams. Not recommended for use horizontally, on ceilings, or bottoms of beams.
- **Material:** Carbon steel
- **Finish:** Electro-galvanized (2) & Copper color epoxy finish (1)
- **Ordering:** Specify size, Material.

1						2					
Item	Size	Outside Diameter D		Screw Hole Size A		Item	Size	Outside Diameter D		Screw Hole Size A	
		mm	in	mm	in			mm	in	mm	in
GJDT	1/8"	6.35	0.25	4.5	0.18	GJDE	1/2	17.93	0.71	6.5	0.26
GJDT	1/4"	9.53	0.38	4.5	0.18	GJDE	3/4	23.42	0.92	6.5	0.26
GJDT	3/8"	12.7	0.50	4.5	0.18	GJDE	1	29.54	1.16	6.5	0.26
GJDT	1/2"	15.88	0.63	6.5	0.26	GJDE	1 1/4	38.35	1.51	6.5	0.26
GJDT	3/4"	22.23	0.88	6.5	0.26	GJDE	1 1/2	44.2	1.74	10.3	0.41
GJDT	1"	28.58	1.13	6.5	0.26	GJDE	2	55.8	2.20	10.3	0.41
GJDT	1 1/4"	34.93	1.38	6.5	0.26	GJDE	2 1/2	73	2.87	10.3	0.41
GJDT	1 1/2"	41.28	1.63	10.3	0.41	GJDE	3	88.9	3.50	10.3	0.41
GJDT	2"	53.98	2.13	10.3	0.41	GJDE	4	114.3	4.50	10.3	0.41

CENTER LOAD CLAMPS

STANDARD DUTY CENTER LOAD BEAM CLAMP

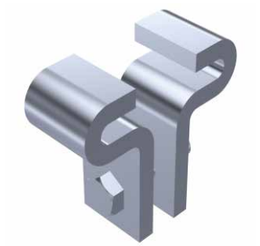


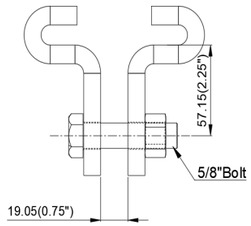
- **Function:** Designed to be used in the suspension of a hanger rod from the center of an I-beam. The clamp's design allows the load to be distributed equally on either side of the beam.
- **Material:** Carbon steel (Type 304 or 316 Stainless Steel upon request)
- **Finish:** Plain、Electro-galvanized (Hot dipped galvanized with electro-galvanized hardware upon request)
- **Approvals:** Complies with Federal Specification A-A-1192A (Type 21) and Manufacturers' Standardization Society ANSI/MSS SP-58 (Type 21) which supersedes ANSI/MSS SP-69.
- **Ordering:** Specify size, Material,Finish.

Item	Size	Max. Flange Thickness		Max. Rec. Load		
		mm	in	Lbs	Kg	N
FZLJ	3X7/16	11.11	0.44	1000	450	4450
FZLJ	4X1/2	12.7	0.50	1000	450	4450
FZLJ	5X5/8	15.88	0.63	1000	450	4450
FZLJ	6X3/4	19.05	0.75	1000	450	4450
FZLJ	7X7/8	22.23	0.88	1000	450	4450
FZLJ	8X7/8	22.23	0.88	1000	450	4450
FZLJ	9X1	25.4	1.00	1000	450	4450
FZLJ	10X1	25.4	1.00	1000	450	4450
FZLJ	11X1	25.4	1.00	1000	450	4450
FZLJ	12X1 1/4	31.75	1.25	1000	450	4450

CENTER LOAD CLAMPS

HEAVY DUTY CENTER LOAD BEAM CLAMP



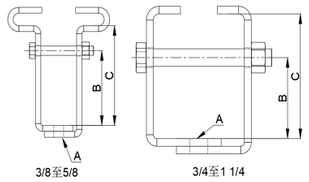


- **Function:** Designed to be used in the suspension of a hanger rod from the center of an I-beam. The clamp's design allows the load to be distributed equally on either side of the beam.
- **Material:** Carbon steel (Type 304 or 316 Stainless Steel upon request)
- **Finish:** Plain、Electro-galvanized (Hot dipped galvanized with electro-galvanized hardware upon request)
- **Approvals:** Complies with Federal Specification A-A-1192A (Type 21) and Manufacturers' Standardization Society ANSI/MSS SP-58 (Type 21) which supersedes ANSI/MSS SP-69.
- **Ordering:** Specify size, Material,Finish.

Item	Size	Max. Flange		Max. Rec. Load		
		mm	in	Lbs	Kg	N
FZLJ1	4X1/2	12.7	0.50	3000	1350	13340
FZLJ1	5X5/8	15.88	0.63	3000	1350	13340
FZLJ1	6X3/4	19.05	0.75	3000	1350	13340
FZLJ1	7X7/8	22.23	0.88	3000	1350	13340
FZLJ1	8X7/8	22.23	0.88	3000	1350	13340
FZLJ1	9X1	25.4	1.00	3000	1350	13340
FZLJ1	10X1	25.4	1.00	3000	1350	13340
FZLJ1	11X1	25.4	1.00	3000	1350	13340
FZLJ1	12X1 1/4	31.75	1.25	3000	1350	13340

CENTER LOAD CLAMPS

STEEL CENTER LOAD BEAM CLAMP



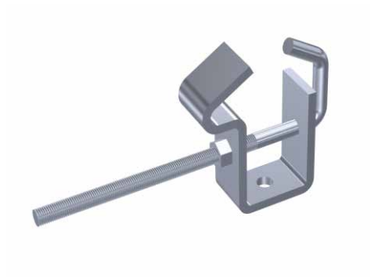
- **Function:** Designed to be used in the suspension of a hanger rod from the center of an I-beam. The clamp provides a vertical adjustment of approximately 2" (50.8).
- **Material:** Carbon steel (Type 304 or 316 Stainless Steel upon request)
- **Finish:** Plain、Electro-galvanized (Hot dipped galvanized with electro-galvanized hardware upon request)
- **Ordering:** Specify size, Material,Finish.

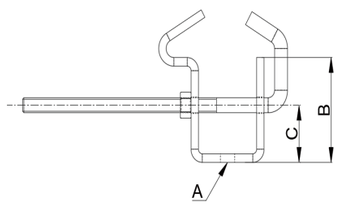
Item	Size	A		B		C		Max. Rec. Load		
		mm	in	mm	in	mm	in	Lbs	Kg	N
FZLJ2	3/8X4									
FZLJ2	3/8X5									
FZLJ2	3/8X6									
FZLJ2	3/8X7	11	0.43	76.2	3.00	101.6	4.00	550	247.5	2450
FZLJ2	3/8X8									
FZLJ2	3/8X10									
FZLJ2	3/8X12									
FZLJ2	1/2X4									
FZLJ2	1/2X5									
FZLJ2	1/2X6									
FZLJ2	1/2X7	13	0.51	76.2	3.00	101.6	4.00	850	382.5	3780
FZLJ2	1/2X8									
FZLJ2	1/2X10									
FZLJ2	1/2X12									
FZLJ2	5/8X4									
FZLJ2	5/8X5									
FZLJ2	5/8X6									
FZLJ2	5/8X7	17	0.67	82.55	3.25	114.3	4.50	1100	495	4890
FZLJ2	5/8X8									
FZLJ2	5/8X10									
FZLJ2	5/8X12									
FZLJ2	3/4X4									
FZLJ2	3/4X5									
FZLJ2	3/4X6									
FZLJ2	3/4X7	20	0.79	82.55	3.25	114.3	4.50	1500	675	6670
FZLJ2	3/4X8									
FZLJ2	3/4X10									
FZLJ2	3/4X12									

Item	Size	A		B		C		Max. Rec. Load		
		mm	in	mm	in	mm	in	Lbs	Kg	N
FZLJ2	7/8X4									
FZLJ2	7/8X5									
FZLJ2	7/8X6									
FZLJ2	7/8X7	24	0.94	88.9	3.50	127	5.00	2600	1170	11570
FZLJ2	7/8X8									
FZLJ2	7/8X10									
FZLJ2	7/8X12									
FZLJ2	1X4									
FZLJ2	1X5									
FZLJ2	1X6									
FZLJ2	1X7	27	1.06	88.9	3.50	127	5.00	4300	1935	19130
FZLJ2	1X8									
FZLJ2	1X10									
FZLJ2	1X12									
FZLJ2	1 1/8X4									
FZLJ2	1 1/8X5									
FZLJ2	1 1/8X6									
FZLJ2	1 1/8X7	30	1.18	88.9	3.50	139.7	5.50	6100	2745	27130
FZLJ2	1 1/8X8									
FZLJ2	1 1/8X10									
FZLJ2	1 1/8X12									
FZLJ2	1 1/4X4									
FZLJ2	1 1/4X5									
FZLJ2	1 1/4X6									
FZLJ2	1 1/4X7	34	1.34	88.9	3.50	139.7	5.50	8000	3600	35590
FZLJ2	1 1/4X8									
FZLJ2	1 1/4X10									
FZLJ2	1 1/4X12									

CENTER LOAD CLAMPS

ADJUSTABLE STEEL BEAM CLAMP



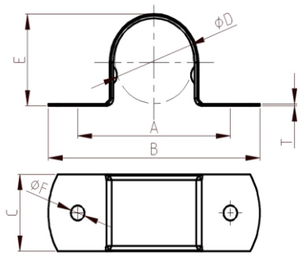


- **Function:** Designed to be used in the suspension of a hanger rod from an IBeam. The clamp is adjustable from 3 1/2" (88.9) to 8"(203.2) and can be used with flange thicknesses up to 1/2" (12.7).
- **Material:** Carbon steel (Type 304 or 316 Stainless Steel upon request)
- **Finish:** Plain、Electro-galvanized (Hot dipped galvanized with electrogalvanized hardware upon request)
- **Approvals:** Complies with Federal Specification A-A-1192A (Type 27) and Manufacturers' Standardization Society ANSI/MSS SP-58 (Type 27) which supersedes ANSI/MSS SP-69.
- **Ordering:** Specify size, Material,Finish.

Item	Size	Flange Width		A	B		C		Max. Rec. Load		
		Min/mm	Max/mm	in	mm	in	mm	in	Lbs	Kg	N
TKLJ	3/8"	88.9	203.2	3/8	69.85	2.75	38.1	1.50	300	135	1330
TKLJ	1/2"	88.9	203.2	1/2	69.85	2.75	38.1	1.50	700	315	3110
TKLJ	5/8"	88.9	203.2	5/8	69.85	2.75	38.1	1.50	1000	450	4450
TKLJ	3/4"	152.4	203.2	3/4	101.6	4.00	50.8	2.00	1800	810	8010

CPVC STRAPS

CPVC SADDLE TYPE PIPE CLAMP

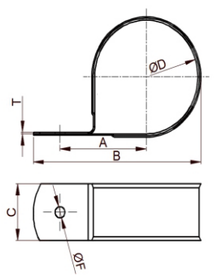


- **Function:** Use with CPVC fire sprinkler.
  a) It is only used for guiding on the beam top or vertical pipe.
  b) When installed on the top of the structure, it can also play an inhibitory role to prevent the thrust generated by the nozzle during start-up.
  c) Full enveloping flanging structure to protect the pipeline.d) Equipped with mounting screws.
- **Material:** Carbon steel
- **Finish:** Pre-galvanized
- **Ordering:** Specify size.

Item	Size	A		B		C		D		E		F	
		mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
CPAX	3/4"	57	2.24	82	3.23	30	1.18	26.7	1.05	30	1.18	5.8	0.23
CPAX	1"	65	2.56	90	3.54	30	1.18	33.4	1.31	36.5	1.44	5.8	0.23
CPAX	1-1/4"	80	3.15	105	4.13	30	1.18	42.2	1.66	45.5	1.79	5.8	0.23
CPAX	1-1/2"	87	3.43	112	4.41	30	1.18	48.3	1.90	51.5	2.03	5.8	0.23
CPAX	2"	100	3.94	125	4.92	30	1.18	60.3	2.37	63.5	2.50	5.8	0.23

CPVC STRAPS

CPVC SINGLE HOLE HANGER

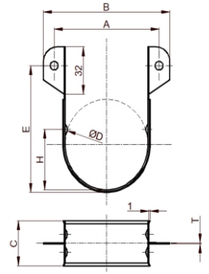


- **Function:** Use with CPVC fire sprinkler.
  a) The tongue of the pipe clamp should be pointed upward, and the screw hole should be located above the pipe and installed on the side of the beam.
  b) It is only used for guiding on the beam top or vertical pipe.
  c) Full enveloping flanging structure to protect the pipeline.
  d) Equipped with mounting screws.
- **Material:** Carbon steel
- **Finish:** Pre-galvanized
- **Ordering:** Specify size.

Item	Size	D	A		B		C		F		T	
		mm	mm	in	mm	in	mm	in	mm	in	mm	in
CPDK	3/4"	26.7	32	1.26	60	2.36	30	1.18	5.8	0.23	0.75	0.03
CPDK	1"	33.4	36.5	1.44	68	2.68	30	1.18	5.8	0.23	0.75	0.03
CPDK	1-1/4"	42.2	41.5	1.63	78	3.07	30	1.18	5.8	0.23	0.75	0.03
CPDK	1-1/2"	48.3	44.5	1.75	84	3.31	30	1.18	5.8	0.23	0.75	0.03
CPDK	2"	60.3	50.5	1.99	97	3.82	30	1.18	5.8	0.23	0.75	0.03

CPVC STRAPS

CPVC SIDE TUBE STENT

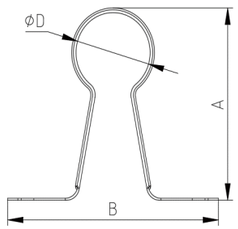


- **Function:** For installing horizontally laid CPVC fire sprinkler lines on the side or bottom of beams.
  a) It is only used for guiding on the beam top or vertical pipe.
  b) When installed on the top of the structure, it can inhibit the thrust generated by the nozzle during start-up.
  c) Full enveloping flanging structure to protect the pipeline.
  d) Equipped with mounting screws.
- **Material:** Carbon steel
- **Finish:** Pre-galvanized
- **Ordering:** Specify size.

Item	Size	D	A		B		C		E		T		H	
		mm	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
CPCG	3/4"	26.7	43	1.69	58.5	2.30	30	1.18	49	1.93	0.75	0.03	19	0.75
CPCG	1"	33.4	49.5	1.95	65	2.56	30	1.18	56.5	2.22	0.75	0.03	23	0.91
CPCG	1-1/4"	42.2	58.5	2.30	74	2.91	30	1.18	65	2.56	0.75	0.03	27.5	1.08
CPCG	1-1/2"	48.3	64.5	2.54	80	3.15	30	1.18	71	2.80	0.75	0.03	31.5	1.24
CPCG	2"	60.3	76.5	3.01	92	3.62	30	1.18	83.5	3.29	0.75	0.03	38	1.50

CPVC STRAPS

CPVC TWO-HOLE STAND OFF STRAP

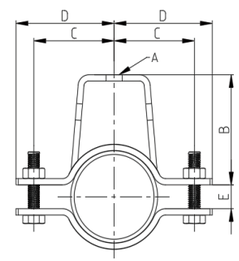


- **Function:** Designed to support CPVC pipe horizontally from the side or bottom of beam, or composite wood joists with a minimum of 3/8” web thickness.
- **Material:** Carbon steel
- **Finish:** Pre-galvanized
- **Approvals:** Underwriters’ Laboratories Listed in the U.S. (UL), Canada (CUL), for use with standard steel pipe sizes 3/4" to 2".
- **Maximum Temperature:** 343° C (650° F)
- **Ordering:** Specify size.

Item	Size	D	A		B		Max. Spacing	
		mm	mm	in	mm	in	ft.	m
GJD1	3/4"	26.7	68.2	2.69	85	3.35	5.5	1.68
GJD1	1"	33.4	75	2.95	85	3.35	6	1.83
GJD1	1-1/4"	42.2	83.6	3.29	90	3.54	6.5	1.98
GJD1	1-1/2"	48.3	89.4	3.52	105	4.13	7	2.13
GJD1	2"	60.3	103.2	4.06	105	4.13	8	2.44

SEISMIC

SUPPORTING PIPE ATTACHMENT

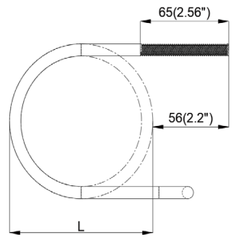


- **Function:** Designed for bracing pipe against sway and seismic disturbance.
- **Material:** Carbon steel
- **Finish:** Electro-galvanized(Hot dipped galvanized with electro-galvanized hardware upon request)
- **Approvals:** Underwriters’ Laboratories Listed in the U.S. (UL), Canada (CUL), for use with standard steel pipe sizes 1/2" to 12".Factory Mutual Approved for steel pipe sizes 3/4" to 12.
- **Maximum Temperature:** 343° C (650° F)
- **Ordering:** Specify size,Finish.

Item	Size	Bolts			A			B		C		D		E		Max. Rec. Load		
		mm	in	in	mm	in	in	mm	in	mm	in	mm	in	mm	in	Lbs	Kg	N
GSB9	1/2"	M8	5/16"-18UNC	5/16"-18BSW	M10	3/8"-16UNC	3/8"-16BSW	38.5	1.52	34	1.34	47	1.85	9.2	0.36	299	135	1334
GSB9	3/4"	M8	5/16"-18UNC	5/16"-18BSW	M10	3/8"-16UNC	3/8"-16BSW	41.8	1.65	34	1.34	47	1.85	9.2	0.36	299	135	1334
GSB9	1"	M8	5/16"-18UNC	5/16"-18BSW	M10	3/8"-16UNC	3/8"-16BSW	46.2	1.82	34.5	1.36	47.5	1.87	9.2	0.36	299	135	1334
GSB9	1-1/4"	M8	5/16"-18UNC	5/16"-18BSW	M10	3/8"-16UNC	3/8"-16BSW	51.4	2.02	36.5	1.44	49.5	1.95	9.2	0.36	299	135	1334
GSB9	1-1/2"	M8	5/16"-18UNC	5/16"-18BSW	M10	3/8"-16UNC	3/8"-16BSW	54.9	2.16	41	1.61	54	2.13	9.2	0.36	299	135	1334
GSB9	2"	M10	3/8"-16UNC	3/8"-16BSW	M12	1/2"-13UNC	1/2"-12BSW	74	2.91	54	2.13	69	2.72	18.9	0.74	299	135	1334
GSB9	2-1/2"	M10	3/8"-16UNC	3/8"-16BSW	M12	1/2"-13UNC	1/2"-12BSW	84.1	3.31	67.5	2.66	82.5	3.25	18.9	0.74	339	153	1512
GSB9	3"	M10	3/8"-16UNC	3/8"-16BSW	M12	1/2"-13UNC	1/2"-12BSW	94.8	3.73	77	3.03	92.5	3.64	18.9	0.74	419	189	1868
GSB9	3-1/2"	M10	3/8"-16UNC	3/8"-16BSW	M12	1/2"-13UNC	1/2"-12BSW	102.6	4.04	82.5	3.25	98	3.86	18.9	0.74	499	225	2224
GSB9	4"	M12	1/2"-13UNC	1/2"-12BSW	M12	1/2"-13UNC	1/2"-12BSW	109.9	4.33	90.5	3.56	110.5	4.35	18.9	0.74	599	270	2668
GSB9	5"	M12	1/2"-13UNC	1/2"-12BSW	M12	1/2"-13UNC	1/2"-12BSW	124.9	4.92	99	3.90	119	4.69	18.9	0.74	799	360	3558
GSB9	6"	M12	1/2"-13UNC	1/2"-12BSW	M12	1/2"-13UNC	1/2"-12BSW	137	5.39	112	4.41	132	5.20	23.4	0.92	1059	477	4714
GSB9	8"	M12	1/2"-13UNC	1/2"-12BSW	M12	1/2"-13UNC	1/2"-12BSW	163.5	6.44	87.5	3.44	157.5	6.20	23.3	0.92	1619	729	7205
GSB9	10"	M12	1/2"-13UNC	1/2"-12BSW	M16	5/8"-11UNC	5/8"-11BSW	191.2	7.53	165	6.50	185	7.28	23.3	0.92	2339	1053	10408
GSB9	12"	M12	1/2"-13UNC	1/2"-12BSW	M16	5/8"-11UNC	5/8"-11BSW	217	8.54	193.5	7.62	213.5	8.41	23.4	0.92	3159	1422	14055

SEISMIC

SWAY BRACE PIPE ATTACHMENT

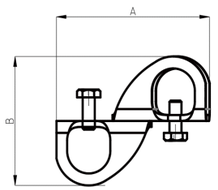


- **Function:** Support pipe to prevent sway or seismic disturbance. Provides a simple lateral connection that connects the support pipe members together as a complete assembly.
- **Material:** Carbon steel
- **Finish:** Electro-galvanized
- **Approvals:** Underwriters' Laboratories Listed in the U.S. (UL), Canada (CUL), for use with standard steel pipe sizes 1" to 8".
- **Maximum Temperature:** 343° C (650° F)
- **Ordering:** Specify size.

Item	Size	L		Support pipe	Assembly longitudinal and transverse loads					
		mm	in		Minimum load (lbs)	Minimum load (KG)	Minimum load (N)	Maximum load (lbs)	Maximum load (KG)	Maximum load (N)
GSUS	1"	51	2.01	1"SCH40 pipe	680	306	3020	1496	673	6650
GSUS	1-1/4"	59	2.32	1"SCH40 pipe	680	306	3020	1496	673	6650
GSUS	1-1/2"	65	2.56	1"SCH40 pipe	680	306	3020	1496	673	6650
GSUS	2"	77.5	3.05	1"SCH40 pipe	680	306	3020	1496	673	6650
GSUS	2-1/2"	93.5	3.68	1"SCH40 pipe	680	306	3020	1496	673	6650
GSUS	3"	105.5	4.15	1"SCH40 pipe	680	306	3020	1496	673	6650
GSUS	4"	130.5	5.14	1"SCH40 pipe	680	306	3020	1496	673	6650
GSUS	5"	156	6.14	1"SCH40 pipe	680	306	3020	1496	673	6650
GSUS	6"	185	7.28	1"SCH40 pipe	680	306	3020	1496	673	6650
GSUS	8"	237	9.33	1"SCH40 pipe	680	306	3020	1496	673	6650

SEISMIC

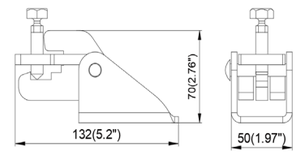
4-WAY ADAPTOR



- **Function:** Can be used for four direction pipe fixation. Suitable for fixing pipe ≤DN200.
- **Material:** Carbon steel
- **Finish:** Electro-galvanized
- **Ordering:** Specify Size.

Item	Size	A		B		Maximum design load		
		mm	in	mm	in	Lbs	Kg	N
GJSX	1"	121	4.76	95	3.74	1000	450	4450

C-CLAMP STRUCTURAL ATTACHMENT

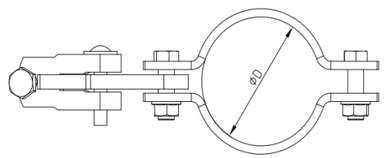


- **Function:** It is suitable for the lateral and longitudinal seismic support connected with the wall, and the seismic parts are rigidly connected with the building by tightening the steel or steel pipe through the torque bolt. The connecting part adopts advanced riveting and pressing technology to prevent parts from falling off. High strength backstop bolts can also be used according to customer requirements.
- **Material:** Carbon steel
- **Finish:** Electro-galvanized
- **Ordering:** Specify Size.

Item	Size	Support pipe	Support pipe length	Assembly longitudinal and transverse loads					
				Minimum load (lbs)	Minimum load (KG)	Minimum load (N)	Maximum load (lbs)	Maximum load (KG)	Maximum load (N)
L1703	14	1"	Refer to NFPA 13	1885	848	8385	4147	1866	18447

SEISMIC

CLAMPING PIPE ATTACHMENT



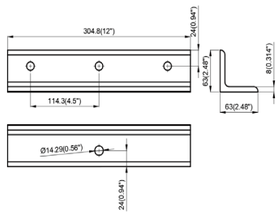
c UL us LISTED FM APPROVED

- **Function:** Used for fast fixing main pipe, used for single pipe transverse or longitudinal seismic, suitable for pipe arbitrary Angle connection, fixed connection slot parts can be cast.
- **Material:** Carbon steel
- **Finish:** Electro-galvanized
- **Approvals:** Underwriters' Laboratories Listed in the U.S. (UL), Canada (CUL), for use with standard steel pipe sizes 2" to 8".
- **Maximum Temperature:** 343° C (650° F)
- **Ordering:** Specify size.

Item	Size	D	Support pipe	Assembly longitudinal and transverse loads					
		mm		Minimum load(lbs)	Minimum load(KG)	Minimum load(N)	Maximum load(lbs)	Maximum load(KG)	Maximum load(N)
GJZC	2"	61	1"SCH40 Pipe	680	306	3020	1496	673	6650
GJZC	2-1/2"	76	1"SCH40 Pipe	680	306	3020	1496	673	6650
GJZC	3"	90	1"SCH40 Pipe	680	306	3020	1496	673	6650
GJZC	4"	115	1"SCH40 Pipe	680	306	3020	1496	673	6650
GJZC	5"	141	1"SCH40 Pipe	1370	617	6090	3014	1356	13400
GJZC	6"	168	1"SCH40 Pipe	1370	617	6090	3014	1356	13400
GJZC	8"	220	1"SCH40 Pipe	1370	617	6090	3014	1356	13400

SEISMIC

MULTIFASTENER ADAPTER

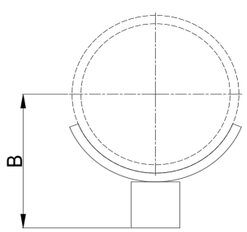


- **Function:** Designed for bracing pipe against sway and seismic disturbances. Sway brace adapter used to develop a greater structural connection by providing multiple fastener attachment points. Adapter allows for 2 or 3 NFPA 13 approved fasteners to be used when one fastener is too weak to anchor a sway brace assembly to a structure. Sway brace assemblies are intended to be installed in accordance with NFPA 13 and the manufacturer's installation instructions.
- **Material:** Carbon steel,angle.
- **Finish:** Electro-galvanized
- **Ordering:** Specify size, material.

Item	Size	Max. Rec. Load		
		Lbs	Kg	N
DLJJ	1/2"	1370	617	6090
DLJJ	3/4"	1370	617	6090

PIPE SUPPORTS

PIPE SADDLE SUPPORT WITH COUPLING

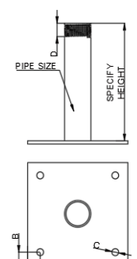


- **Function:** Designed to support horizontal pipe from floor stanchions. Normally used in conjunction with threaded base stand.
- **Material:** Carbon steel (Type 304 or 316 Stainless Steel upon request)
- **Finish:** Plain、Electro-galvanized
- **Ordering:** Specify size, Material,Finish.

Item	Size	Coupling Pipe Size	B	
		in	mm	in
GAZJ01	1 1/2"	1 1/4	82.55	3.25
GAZJ01	2"	1 1/4	92.08	3.63
GAZJ01	2-1/2"	1 1/2	98.43	3.88
GAZJ01	3"	1 1/2	106.36	4.19
GAZJ01	3 1/2"	1 1/2	112.71	4.44
GAZJ01	4"	2	120.65	4.75
GAZJ01	5"	2	134.94	5.31
GAZJ01	6"	2 1/2	176.21	6.94
GAZJ01	8"	2 1/2	201.61	7.94
GAZJ01	10"	3	231.78	9.13
GAZJ01	12"	3	257.18	10.13

PIPE SUPPORTS

THREADED BASE STAND

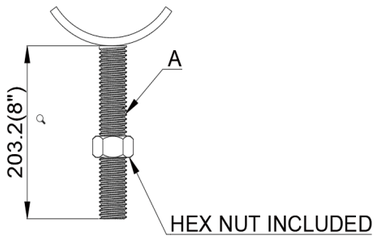


- **Function:** Designed for use as a base stand for pipe supports.
- **Material:** Carbon steel (Type 304 or 316 Stainless Steel upon request)
- **Finish:** Plain、Electro-galvanized (Hot dipped galvanized upon request)
- **Ordering:** Specify size, Material,Finish.

Item	Size	B		C		D		Plate Size
		mm	in	mm	in	mm	in	mm
GAZJ02	1"	25.4	1.0	14.29	0.56	38.1	1.5	6.35 x 152.4 x 152.4
GAZJ02	1 1/4"	25.4	1.0	14.29	0.56	38.1	1.5	6.35 x 152.4 x 152.4
GAZJ02	1 1/2"	25.4	1.0	14.29	0.56	38.1	1.5	6.35 x 152.4 x 152.4
GAZJ02	2"	25.4	1.0	14.29	0.56	38.1	1.5	6.35 x 152.4 x 152.4
GAZJ02	2 1/2"	31.75	1.3	14.29	0.56	38.1	1.5	9.53 x 203.2 x 203.2
GAZJ02	3"	38.1	1.5	20.64	0.81	38.1	1.5	9.53 x 304.8 x 304.8
GAZJ02	4"	38.1	1.5	23.81	0.94	50.8	2.0	12.7 x 304.8 x 304.8
GAZJ02	6"	38.1	1.5	28.58	1.13	50.8	2.0	12.7 x 457.2 x 457.2

PIPE SUPPORTS

PIPE SADDLE SUPPORT WITH STUD

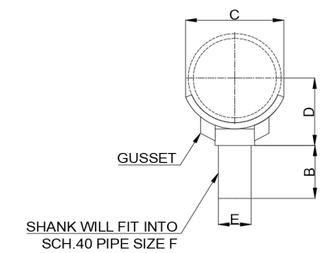


- **Function:** Designed for support of horizontal pipe from floor stand where vertical adjustment is required. Shank will fit into Schedule 40 pipe size stand 'B'.
- **Material:** Carbon steel (Type 304 or 316 Stainless Steel upon request)
- **Finish:** Plain、Electro-galvanized
- **Approvals:** Complies with Federal Specification A-A-1192A (Type 38) and Manufacturers' Standardization Society ANSI/MSS SP-58 (Type 38) which supersedes ANSI/MSS SP-69.
- **Ordering:** Specify size, Material,Finish.

Item	Size	A	Max. O.D. of Pipe		Sch. 40 Pipe Size B
		in	mm	in	in
GAZJ1	2"	7/8-9UNC	60.33	2.38	1
GAZJ1	2 1/2"	7/8-9UNC	73.03	2.88	1
GAZJ1	3"	7/8-9UNC	88.9	3.50	1
GAZJ1	3 1/2"	1-8UNC	101.6	4.00	1
GAZJ1	4"	1-8UNC	114.3	4.50	1
GAZJ1	5"	1-8UNC	141.29	5.56	1
GAZJ1	6"	1 1/4-7UNC	168.28	6.63	1 1/4
GAZJ1	8"	1 1/4-7UNC	219.08	8.63	1 1/4
GAZJ1	10"	1 1/2-6UNC	273.05	10.75	1 1/2
GAZJ1	12"	1 1/2-6UNC	323.85	12.75	1 1/2

PIPE SUPPORTS

PIPE SADDLE SUPPORT WITH STUD

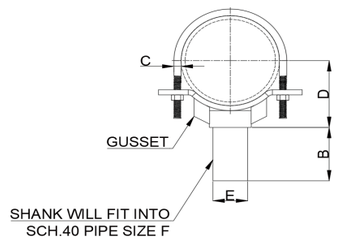


- **Function:** Designed to support horizontal pipe running close to the floor. Normally used in conjunction with floor stanchions.
- **Material:** Carbon steel (Type 304 or 316 Stainless Steel upon request)
- **Finish:** Plain、Electro-galvanized (Hot dipped galvanized upon request)
- **Approvals:** Complies with Federal Specification A-A-1192A (Type 36) and Manufacturers' Standardization Society ANSI/MSS SP-58 (Type 36) which supersedes ANSI/MSS SP-69.
- **Ordering:** Specify size, Material,Finish.

Item	Size	B	C		D		E		Pipe size F	Max. Rec. Load		
		in	mm	in	mm	in	mm	in	in	Lbs	Kg	N
GAZJ2	2 1/2"	101.6	63.5	2.50	93.66	3.69	38.1	1.50	1 1/2	1800	810	8010
GAZJ2	3"	101.6	76.99	3.03	101.6	4.00	38.1	1.50	1 1/2	1800	810	8010
GAZJ2	3 1/2"	101.6	87.31	3.44	107.95	4.25	38.1	1.50	1 1/2	1800	810	8010
GAZJ2	4"	101.6	107.95	4.25	114.3	4.50	60.33	2.38	2 1/2	3800	1710	16900
GAZJ2	5"	101.6	122.24	4.81	128.59	5.06	60.33	2.38	2 1/2	3800	1710	16900
GAZJ2	6"	101.6	153.99	6.06	144.46	5.69	60.33	2.38	2 1/2	3800	1710	16900
GAZJ2	8"	101.6	201.61	7.94	169.86	6.69	60.33	2.38	2 1/2	3800	1710	16900
GAZJ2	10"	101.6	244.48	9.63	200.03	7.88	60.33	2.38	2 1/2	3800	1710	16900
GAZJ2	12"	101.6	296.86	11.69	225.43	8.88	60.33	2.38	2 1/2	3800	1710	16900
GAZJ2	14"	101.6	307.98	12.13	295.28	11.63	73.03	2.88	3	5300	2385	23580
GAZJ2	16"	101.6	352.43	13.88	320.68	12.63	73.03	2.88	3	5300	2385	23580
GAZJ2	18"	101.6	396.08	15.59	374.65	14.75	101.6	4.00	4	6700	3015	29800
GAZJ2	20"	101.6	439.74	17.31	400.05	15.75	101.6	4.00	4	6700	3015	29800
GAZJ2	24"	101.6	527.84	20.78	457.2	18.00	101.6	4.00	4	7300	3285	32470
GAZJ2	30"	101.6	660.4	26.00	533.4	21.00	101.6	4.00	4	7300	3285	32470
GAZJ2	36"	101.6	792.16	31.19	609.6	24.00	101.6	4.00	4	7300	3285	32470

PIPE SUPPORTS

PIPE SADDLE SUPPORT WITH U-BOLT

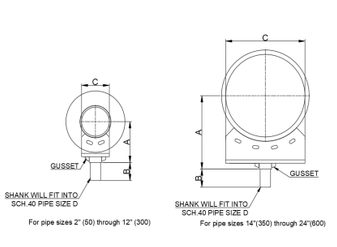


- **Function:** Designed to support horizontal pipe running close to the floor.The U-bolt securely holds the pipe to the saddle.
- **Material:** Carbon steel (Type 304 or 316 Stainless Steel upon request)
- **Finish:** Plain、Electro-galvanized (Hot dipped galvanized with electrogalvanized hardware upon request)
- **Approvals:** Complies with Manufacturers' Standardization Society ANSI/MSS SP-58 (Type 37) which supersedes ANSI/MSS SP-69.
- **Ordering:** Specify size, Material,Finish.

Item	Size	B	C		D		E		Pipe size F	Max. Rec. Load		
		in	mm	in	mm	in	mm	in	in	Lbs	Kg	N
GAZJ3	2 1/2"	101.6	12.7	0.50	93.66	3.69	38.1	1.50	1 1/2	1800	810	8010
GAZJ3	3"	101.6	12.7	0.50	101.6	4.00	38.1	1.50	1 1/2	1800	810	8010
GAZJ3	3 1/2"	101.6	12.7	0.50	107.95	4.25	38.1	1.50	1 1/2	1800	810	8010
GAZJ3	4"	101.6	12.7	0.50	114.3	4.50	60.33	2.38	2 1/2	3800	1710	16900
GAZJ3	5"	101.6	12.7	0.50	128.59	5.06	60.33	2.38	2 1/2	3800	1710	16900
GAZJ3	6"	101.6	15.88	0.63	144.46	5.69	60.33	2.38	2 1/2	3800	1710	16900
GAZJ3	8"	101.6	15.88	0.63	169.86	6.69	60.33	2.38	2 1/2	3800	1710	16900
GAZJ3	10"	101.6	19.05	0.75	203.2	8.00	60.33	2.38	2 1/2	3800	1710	16900
GAZJ3	12"	101.6	22.23	0.88	228.6	9.00	60.33	2.38	2 1/2	3800	1710	16900
GAZJ3	14"	101.6	22.23	0.88	298.45	11.75	73.03	2.88	3	5300	2385	23580
GAZJ3	16"	101.6	22.23	0.88	323.85	12.75	73.03	2.88	3	5300	2385	23580
GAZJ3	18"	101.6	25.4	1.00	381	15.00	101.6	4.00	4	6700	3015	29800
GAZJ3	20"	101.6	25.4	1.00	406.4	16.00	101.6	4.00	4	6700	3015	29800
GAZJ3	24"	101.6	25.4	1.00	469.9	18.50	101.6	4.00	4	7300	3285	32470
GAZJ3	30"	101.6	25.4	1.00	533.4	21.00	101.6	4.00	4	7300	3285	32470
GAZJ3	36"	101.6	25.4	1.00	609.6	24.00	101.6	4.00	4	7300	3285	32470

PIPE SUPPORTS

PIPE FLANGE SUPPORT

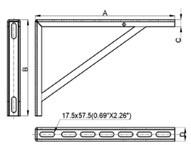


- **Function:** Designed to support 125 lb. cast iron and 150 lb. forged steel flanged connections.
- **Material:** Carbon steel
- **Finish:** Plain、Electro-galvanized
- **Ordering:** Specify size, Material,Finish.

Item	Size	A	B	C		D	E	
		in	in	mm	in	in	mm	in
GFLZJ	2"	139.7	101.6	133.4	5.25	1 1/2	19.1	0.75
GFLZJ	2 1/2"	152.4	101.6	152.4	6.00	1 1/2	19.1	0.75
GFLZJ	3"	158.75	101.6	158.8	6.25	1 1/2	19.1	0.75
GFLZJ	3 1/2"	171.45	101.6	152.4	6.00	1 1/2	19.1	0.75
GFLZJ	4"	177.8	101.6	161.9	6.37	2 1/2	19.1	0.75
GFLZJ	5"	190.5	101.6	179.4	7.06	2 1/2	22.2	0.87
GFLZJ	6"	209.55	101.6	196.9	7.75	2 1/2	22.2	0.87
GFLZJ	8"	241.3	101.6	242.9	9.56	2 1/2	22.2	0.87
GFLZJ	10"	273.05	101.6	203.2	8.00	2 1/2	25.4	1.00
GFLZJ	12"	311.15	101.6	241.3	9.50	2 1/2	25.4	1.00
GFLZJ	14"	387.35	101.6	462	18.19	3	28.6	1.13
GFLZJ	16"	419.1	101.6	422.3	16.63	3	28.6	1.13
GFLZJ	18"	469.9	101.6	449.3	17.69	4	31.8	1.25
GFLZJ	20"	501.65	101.6	400.1	15.75	4	31.8	1.25
GFLZJ	24"	558.8	101.6	466.7	18.37	4	34.9	1.37

WALL BRACKETS

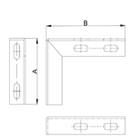
ANGLE BRACKETS

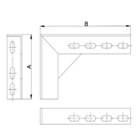


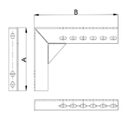
- **Function:** Used for pipeline installation, with strip mounting holes on the sides and top for easy adjustment and installation.
- **Material:** Carbon steel
- **Finish:** Electro-galvanized、Hot dipped galvanized
- **Ordering:** Finish.

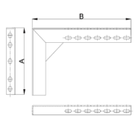
Item	Size	A		B		C		D	
		mm	in	mm	in	mm	in	mm	in
GTB2	240X315	315	12.40	240	9.45	25	0.98	50	1.97
GTB2	350X550	550	21.65	350	13.78	25	0.98	50	1.97

ANGLE BRACKETS







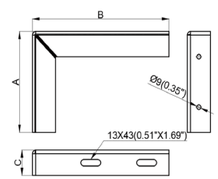


- **Function:** Braced connecting members with a certain angle.
- **Material:** Carbon steel
- **Finish:** Electro-galvanized
- **Ordering:** Specify Size

Item	Size	A		B		Hole	
		mm	in	mm	in	mm	in
5409	200X150	150	5.91	200	7.87	14X35	0.55X1.38
5409	300X200	200	7.87	300	11.81	14X35&17X35	0.55X1.38&0.67X1.38
5409	450X300	300	11.81	450	17.72	18X26&14X35	0.71X1.02&0.55X1.38
5409	550X350	350	13.78	550	21.65	18X26&14X35	0.71X1.02&0.55X1.38

WALL BRACKETS

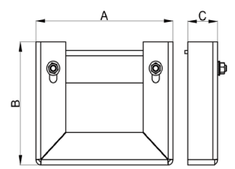
L-BRACKET



- **Function:** Braced connecting members with a certain angle
- **Material:** Carbon steel
- **Finish:** Electro-galvanized 、Hot dip galvanizing
- **Ordering:** Specify size.

Item	Size	A		B		C	
		mm	in	mm	in	mm	in
LXZJ	295X200	200	7.87	295	11.61	50	1.97

DOOR TYPE BRACKET

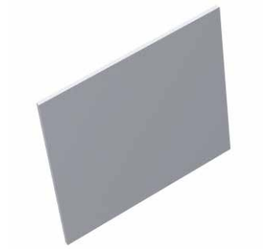


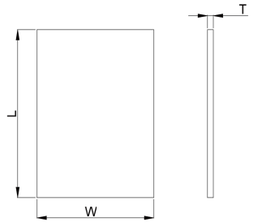
- **Function:** Braced connecting members with a certain angle
- **Material:** Carbon steel
- **Finish:** Electro-galvanized 、Hot dip galvanizing
- **Ordering:** Specify size.

Item	Size	A		B		C	
		mm	in	mm	in	mm	in
MXZJ	230X190	230	9. 06	190	7. 48	50	1.97

WALL BRACKETS

STEEL PLATE



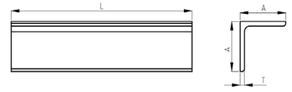


- **Function:** General mechanical structure with carbon steel, alloy steel, tool steel, for the production of a variety of heat-treated mechanical parts.
- **Material:** Carbon steel
- **Finish:** Electro-galvanized 、Hot dip galvanizing
- **Ordering:** Specify size.

Item	W		L		T	
	mm	in	mm	in	mm	in
B	140	5.51	140	5.51	12	0.47
B	160	6.30	160	6.30	8	0.31
B	190	7.48	190	7.48	10	0.39
B	2000	78.74	1250	49.21	3	0.12
B	210	8.27	210	8.27	10	0.39
B	210	8.27	210	8.27	12	0.47
B	210	8.27	210	8.27	8	0.31
B	260	10.24	260	10.24	10	0.39
B	260	10.24	260	10.24	12	0.47
B	3000	118.11	1500	59.06	3	0.12
B	30	1.18	300	11.81	10	0.39
B	30	1.18	500	19.69	10	0.39
B	340	13.39	340	13.39	10	0.39
B	40	1.57	50	1.97	10	0.39
B	425	16.73	425	16.73	10	0.39

WALL BRACKETS

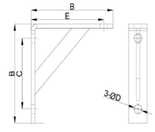
ANGLE STEEL



- **Function:** Mainly used in building structures, curtain wall engineering, mechanical equipment, and vehicle manufacturing.
- **Material:** Carbon steel
- **Finish:** Electro-galvanized、Hot dipped galvanized
- **Ordering:** Specify size, Finish.

Item	Size	A		T		L
		mm	in	mm	in	mm
JT1	30X3X6000	30	1.18	3	0.12	Length can be customized according to customer requirements.
JT1	40x4X6000	40	1.57	4	0.16	
JT1	50X5X6000	50	1.97	5	0.20	
JT1	63x6000X6	63	2.48	6	0.24	
JT1	100x6000X6	100	3.94	10	0.39	

LIGHT DUTY WALL BRACKET

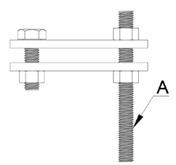


- **Function:** Designed to suspend hanger rod for support of light loads under 750 lbs. Normally used in conjunction with wall bracket clip.
- **Material:** Carbon steel (Type 304 or 316 Stainless Steel upon request)
- **Finish:** Plain、Electro-galvanized (Hot dipped galvanized upon request)
- **Approvals:** Complies with Manufacturers' Standardization Society ANSI/MSS SP-58 (Type 31) which supersedes ANSI/MSS SP-69.
- **Ordering:** Specify size, Material,Finish.

Item	Size	B		C		D		E		Max. Rec. Load		
		mm	in	mm	in	mm	in	mm	in	Lbs	Kg	N
QZJ1	229	228.6	9	165.1	6.50	20.64	0.81	203.2	8	750	338	3340
QZJ1	330	330.2	13	266.7	10.50	20.64	0.81	304.8	12	750	338	3340
QZJ1	483	482.6	19	419.1	16.50	20.64	0.81	457.2	18	750	338	3340

WALL BRACKETS

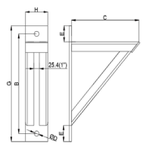
WALL BRACKET CLIP



- **Function:** Designed for use in conjunction with wall bracket, to allow the rod to be suspended at any point along the length of the bracket.
- **Material:** Carbon steel (Type 304 or 316 Stainless Steel upon request)
- **Finish:** Plain、Electro-galvanized (Hot dipped galvanized upon request)
- **Ordering:** Specify size, Material,Finish.

Item	Size	A	For Pipe Sizes
		in	in
QDJ	3/8	3/8	1/2 to 2
QDJ	1/2	1/2	2 1/2 to 3 1/2

MEDIUM DUTY WALL BRACKET

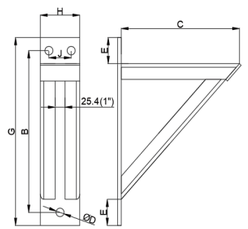


- **Function:** Designed for the support or suspension of loads up to 1500 lbs. (6.67kN). from walls or structures. The 1"(25.4) space between the angles allows the rod to be placed anywhere along the length of the brackets.
- **Material:** Carbon steel (Type 304 or 316 Stainless Steel upon request)
- **Finish:** Plain、Electro-galvanized (Hot dipped galvanized upon request)
- **Approvals:** Complies with Manufacturers' Standardization Society ANSI/MSS SP-58 (Type 32) which supersedes ANSI/MSS SP-69.
- **Ordering:** Specify size, Material,Finish.

Item	Size	B		C		D		E		G		H		Max. Rec. Load		
		mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	Lbs	Kg	N
QZJ2	457	393.7	15.50	304.8	12.00	20.64	0.81	63.5	2.50	457.2	18.00	101.6	4.00	1500	675	6670
QZJ2	610	546.1	21.50	457.2	18.00	20.64	0.81	63.5	2.50	609.6	24.00	114.3	4.50	1500	675	6670
QZJ2	762	698.6	27.50	609.6	24.00	20.64	0.81	63.5	2.50	762	30.00	127	5.00	1500	675	6670

WALL BRACKETS

HEAVY DUTY WALL BRACKET

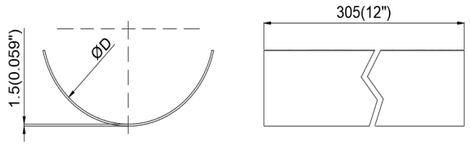


- **Function:** Designed for the support or suspension of loads up to 3000 lbs. (13.34kN). from walls or structures. The 1"(25.4) space between the angles allows the rod to be placed anywhere along the length of the brackets.
- **Mateirial:** Carbon steel (Type 304 or 316 Stainless Steel upon request)
- **Finish:** Plain、Electro-galvanized (Hot dipped galvanized upon request)
- **Approvals:** Complies with Manufacturers' Standardization Society ANSI/MSS SP-58 (Type 33) which supersedes ANSI/MSS SP-69.
- **Ordering:** Specify size, Material,Finish.

Item	Size	B		C		D		E		G		H		J		Max. Rec. Load		
		mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	Lbs	Kg	N
QZJ3	457	387.35	15.25	304.8	12	20.64	0.81	69.85	2.75	457.2	18	101.6	4	/	/	3000	1350	13340
QZJ3	610	542.93	21.38	457.2	18	23.81	0.94	69.85	2.75	609.6	24	127	5	69.85	2.75	3000	1350	13340
QZJ3	762	698.5	27.50	609.6	24	26.99	1.06	69.85	2.75	762	30	127	5	63.5	2.50	3000	1350	13340
QZJ3	914	844.55	33.25	762	30	26.99	1.06	76.2	3.00	914.4	36	127	5	63.5	2.50	3000	1350	13340
QZJ3	1067	990.6	39.00	914.4	36	26.99	1.06	76.2	3.00	1066.8	42	152.4	6	88.9	3.50	3000	1350	13340
QZJ3	1270	1168.4	46.00	1066.8	42	26.99	1.06	88.9	3.50	1270	50	152.4	6	88.9	3.50	3000	1350	13340

SHIELDS, INSULATION, & PIPE SADDLES

INSULATION PROTECTION SHIELD

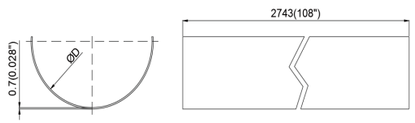


- **Function:** Designed for use in the suspension of insulated pipe lines to protect the insulation from being crushed by the hanger
- **Material:** Carbon steel
- **Finish:** Pre-galvanized
- **Approvals:** Complies with Federal Specifications A-A-1192A (Type 40) and Manufacturers' Standardization Society ANSI/MSS SP-58 (Type 40) which supersedes ANSI/MSS SP-69
- **Ordering:** Specify figure number, shield number and material.

Item	Shield Size	Hanger Size	D	
			in	mm
PBZ	2	2-1/2	2-7/8	73
PBZ	3	3	3-1/2	89
PBZ	4	3-1/2	4	102
PBZ	6	5	5	127
PBZ	7	5	5-9/16	141
PBZ	8	6	6-5/8	168
PBZ	9	8	7-5/8	194
PBZ	10	8	8-5/8	219
PBZ	13	10	9-5/8	244

SHIELDS, INSULATION, & PIPE SADDLES

PEX-A PIPE SUPPORT

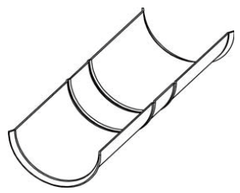


- **Function:** PEX-a Pipe Support is a non-combustible, self-gripping, galvanized-steel channel for crosslinked polyethylene (PEX-a) pipe. It provides continuous, uninterrupted support of PEX-a pipe, allowing hanger placement similar to that of metallic pipe
- **Material:** Carbon steel
- **Finish:** Pre-galvanized
- **Ordering:** Specify figure number, shield number and material.

Item	Shield Size	Hanger Size	D	
			in	mm
PBZT	1/2"	1/2	1/2"	16
PBZT	3/4"	3/4	3/4"	22
PBZT	1"	1	1"	29
PBZT	1-1/4"	1-1/4	1-1/4"	35
PBZT	1-1/2"	1-1/2	1-1/2"	41
PBZT	2"	2	2"	54
PBZT	2-1/2"	2-1/2	2-1/2"	67
PBZT	3"	3	3"	79
PBZT	3-1/2"	3-1/2	3-1/2"	92

SHIELDS, INSULATION, & PIPE SADDLES

SELF CENTERING INSULATION SHIELD

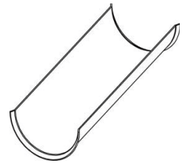


- **Function:** Designed to provide maximum protection to the insulation. The centering ribs are spaced to center the hanger on the shield, providing equal load distribution. The shield is furnished with flared ends to prevent it from cutting into the insulation.
- **Material:** Carbon steel (Type 304 or 316 Stainless Steel upon request)
- **Finish:** Pre-galvanized
- **Ordering:** Specify size, material.

Item	Size	Shield I.D.		Shield Length		Shield Gauge	Shield Length	Shield Length
		in	mm	mm	in	mm	in	in
PBZFJ	2X2 3/8	2 3/8	60.33	203.2	8	1.2	2	1 1/4
PBZFJ	2 1/2X2 5/8	2 5/8	66.68	203.2	8	1.2	2 1/2	1 1/4
PBZFJ	2 1/2X2 7/8	2 7/8	73.03	203.2	8	1.2	2 1/2	1 1/4
PBZFJ	3X3 1/2	3 1/2	88.9	203.2	8	1.2	3	1 1/4
PBZFJ	31/2X4	4	101.6	203.2	8	1.2	3 1/2	1 1/4
PBZFJ	4X4 1/2	4 1/2	114.3	203.2	8	1.2	4	1 1/4
PBZFJ	5X5	5	127	203.2	8	1.2	5	1 1/4
PBZFJ	5X5 5/8	5 5/8	142.88	203.2	8	1.2	5	1 1/4
PBZFJ	6X6	6	152.4	203.2	8	1.2	6	2
PBZFJ	6X6 5/8	6 5/8	168.28	203.2	8	1.2	6	2
PBZFJ	8X7 5/8	7 5/8	193.68	304.8	12	1.2	8	2
PBZFJ	8X8 5/8	8 5/8	219.08	304.8	12	1.2	8	2
PBZFJ	10X9 5/8	9 5/8	244.48	304.8	12	1.2	10	2
PBZFJ	10X10 3/4	10 3/4	273.05	304.8	12	1.2	10	2
PBZFJ	12X11 3/4	11 3/4	298.45	304.8	12	1.2	12	2 1/4
PBZFJ	12X12 3/4	12 3/4	323.85	304.8	12	1.2	12	2 1/4
PBZFJ	14X14	14	355.6	304.8	12	1.2	14	2 1/4
PBZFJ	16X15	15	381	304.8	12	1.2	16	2 3/4
PBZFJ	16X16	16	406.4	304.8	12	1.2	16	2 3/4
PBZFJ	18X18	17	431.8	304.8	12	1.2	18	2 3/4
PBZFJ	18X17	18	457.2	304.8	12	1.2	18	2 3/4
PBZFJ	20X19	19	482.6	304.8	12	1.2	20	3 1/4
PBZFJ	20X20	20	508	304.8	12	1.2	20	3 1/4
PBZFJ	24X21	21	533.4	304.8	12	1.2	24	3 1/4

SHIELDS, INSULATION, & PIPE SADDLES

INSULATION PROTECTION SHIELD



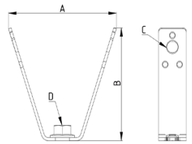
- **Function:** Designed for use in the suspension of insulated pipe lines to protect the insulation from being crushed by the hanger.
- **Material:** Carbon steel (Type 304 or 316 Stainless Steel upon request)
- **Finish:** Pre-galvanized
- **Approvals:** Complies withManufacturers' Standardization Society ANSI/MSS SP58 (Type 40) which supersedes ANSI/MSS Sp69.
- **Ordering:** Specify size, material.

Item	Size	Shield I.D.		Shield Length		Shield Gauge	Hanger Size
		in	mm	mm	in	mm	in
PBZF	2X2.625X1.2	2 5/8	60.33	304.8	12	1.2	2
PBZF	2.5X2.625X1.2	2 5/8	66.68	304.8	12	1.2	2 1/2
PBZF	2.5X2.875X1.2	2 7/8	73.03	304.8	12	1.2	2 1/2
PBZF	3X3.5X1.2	3 1/2	88.9	304.8	12	1.2	3
PBZF	3.5X4X1.2	4	101.6	304.8	12	1.2	3 1/2
PBZF	4X4.5X1.2	4 1/2	114.3	304.8	12	1.2	4
PBZF	5X5X1.2	5	127	304.8	12	1.2	5
PBZF	5X5.625X1.2	5 5/8	142.88	304.8	12	1.2	5
PBZF	5X5.625X1.5	5 5/8	142.88	304.8	12	1.5	5
PBZF	6X6X1.2	6	152.4	304.8	12	1.2	6
PBZF	6X6X1.5	6	152.4	304.8	12	1.5	6
PBZF	6X6.625X1.2	6 5/8	168.28	304.8	12	1.2	6
PBZF	6X6.625X1.5	6 5/8	168.28	304.8	12	1.5	6
PBZF	8X7.625X1.2	7 5/8	193.68	304.8	12	1.2	8
PBZF	8X7.625X1.5	7 5/8	193.68	304.8	12	1.5	8
PBZF	8X7.625X1.5	7 5/8	193.68	457.2	18	1.5	8
PBZF	8X8.625X1.2	8 5/8	219.08	304.8	12	1.2	8
PBZF	8X8.625X1.5	8 5/8	219.08	304.8	12	1.5	8
PBZF	8X8.625X1.5	8 5/8	219.08	457.2	18	1.5	8
PBZF	10X9.625X1.2	9 5/8	244.48	304.8	12	1.2	10
PBZF	10X9.625X1.5	9 5/8	244.48	304.8	12	1.5	10
PBZF	10X9.625X1.5	9 5/8	244.48	457.2	18	1.5	10
PBZF	10X10.75X1.2	10 3/4	273.05	304.8	12	1.2	10
PBZF	10X10.75X1.5	10 3/4	273.05	304.8	12	1.5	10
PBZF	10X10.75X1.5	10 3/4	273.05	457.2	18	1.5	10
PBZF	10X10.75X2	10 3/4	273.05	609.6	24	2	10
PBZF	12X11.75X1.5	11 3/4	298.45	304.8	12	1.5	12
PBZF	12X11.75X1.5	11 3/4	298.45	457.2	18	1.5	12
PBZF	12X11.75X2	11 3/4	298.45	609.6	24	2	12
PBZF	12X12.75X1.5	12 3/4	323.85	304.8	12	1.5	12

Item	Size	Shield I.D.		Shield Length		Shield Gauge	Hanger Size
		in	mm	mm	in	mm	in
PBZF	12X12.75X1.5	12 3/4	323.85	457.2	18	1.5	12
PBZF	12X12.75X2	12 3/4	323.85	609.6	24	2	12
PBZF	14X14X1.5	14	355.6	304.8	12	1.5	14
PBZF	14X14X2	14	355.6	609.6	24	2	14
PBZF	16X15X1.5	15	381	304.8	12	1.5	16
PBZF	16X15X2	15	381	609.6	24	2	16
PBZF	16X16X1.5	16	406.4	304.8	12	1.5	16
PBZF	16X16X2	16	406.4	609.6	24	2	16
PBZF	18X17X1.5	17	431.8	304.8	12	1.5	18
PBZF	18X17X2	17	431.8	609.6	24	2	18
PBZF	18X18X1.5	18	457.2	304.8	12	1.5	18
PBZF	18X18X2	18	457.2	609.6	24	2	18
PBZF	18X18X2.3	18	457.2	609.6	24	2.3	18
PBZF	20X19X1.5	19	482.6	304.8	12	1.5	20
PBZF	20X19X2	19	482.6	609.6	24	2	20
PBZF	20X19X2.3	19	482.6	609.6	24	2.3	20
PBZF	20X20X1.5	20	508	304.8	12	1.5	20
PBZF	20X20X2	20	508	609.6	24	2	20
PBZF	20X20X2.3	20	508	609.6	24	2.3	20
PBZF	24X21X1.5	21	533.4	304.8	12	1.5	24
PBZF	24X21X2.3	21	533.4	609.6	24	2.3	24
PBZF	24X22X1.5	22	558.8	304.8	12	1.5	24
PBZF	24X22X2.3	22	558.8	609.6	24	2.3	24
PBZF	24X23X1.5	23	584.2	304.8	12	1.5	24
PBZF	24X23X2.3	23	584.2	609.6	24	2.3	24
PBZF	24X24X1.5	24	609.6	304.8	12	1.5	24
PBZF	24X24X2.3	24	609.6	609.6	24	2.3	24
PBZF	30X26X2.3	26	660.4	609.6	24	2.3	30
PBZF	30X27X2.3	27	685.8	609.6	24	2.3	30
PBZF	30X28X2.3	28	711.2	609.6	24	2.3	30

STRUCTURAL ATTACHMENTS

TRAPEZOIDAL DECK HANGER WITH FIXDE NUT

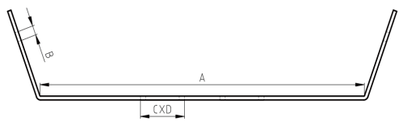


FM APPROVED VdS

- **Function:** Used for hanging pipe bundles from the ceiling.
- **Material:** Carbon steel
- **Finish:** Electro-galvanized
- **Approvals:** FM certification specification is M10.VDS certification specifications are M8 and M10.
- **Ordering:** Specify size, Finish.

Item	Size	D	A		B		C		Static Load(CEILING THICJNESS>1.5mm)
		K07	mm	in	mm	in	mm	in	N
VXDJ	M8	M8	94	3.70	91.5	3.60	10.5	0.41	1500
VXDJ	M10	M10	94	3.70	91.5	3.60	10.5	0.41	1500
VXDJ	M12	M12	94	3.70	91.5	3.60	10.5	0.41	1500

V-BEUGEL

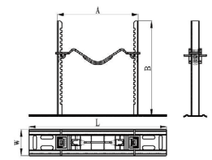


- **Function:** Used to support pipes in the horizontal direction, in conjunction with U-bolts.
- **Material:** Carbon steel
- **Finish:** Electro-galvanized 、Hot dipped galvanized
- **Ordering:** Specify Size, Finish.

Item	Size	A		B		CXD	
		mm	in	mm	in	mm	in
OP11	370	367.4	14.46	10	0.39	50X12	1.97X0.47
OP15	300	295.5	11.63	11	0.43	50X12	1.97X0.47
OP16	340	333	13.11	12	0.47	50X12	1.97X0.47

STRUCTURAL ATTACHMENTS

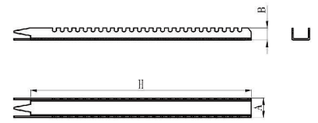
IRREGULAR BRACKET



- **Function:** Designed to support horizontal pipe.Normally used in conjunction with threaded base stand to provide vertical adjustment of the pipe the Nylon ties is used to secure the pipe to the saddle
- **Material:** Carbon steel
- **Finish:** Electro-galvanized
- **Ordering:** Specify size.

Item	Size	L		W		A		B	
		mm	in	mm	in	mm	in	mm	in
YXZJ	50-125	330	12.99	55	2.17	195	7.68	200	7.87
								240	9.45
								300	11.81
								400	15.75
YXZJ	110-160	330	12.99	55	2.17	230	9.06	300	11.81

COLUMN

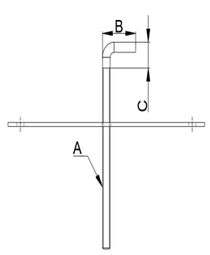


- **Function:** Pole hammered into wooden formwork Concrete is filled in End is removed by Hammer
- **Material:** Carbon steel
- **Finish:** Electro-galvanized
- **Ordering:** Specify size.

Item	Size	H		A		B	
		mm	in	mm	in	mm	in
YXZJ	200J	200	7.87	20	0.79	12	0.47
	240J	240	9.45	20	0.79	12	0.47
	300J	300	11.81	20	0.79	12	0.47
	400J	400	15.75	20	0.79	12	0.47

STRUCTURAL ATTACHMENTS

ADJUSTABLE Q-DECK INSERT

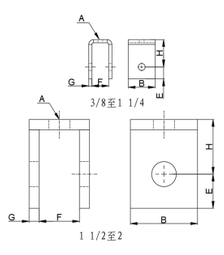


- **Function:** Designed for installation in metal concrete deck forms to provide a means to support piping and equipment.
- **Material:** Carbon steel
- **Finish:** Plain、Electro-galvanized
- **Ordering:** Specify size, Finish.

Item	Size	B		Thread Length		C		Max. Rec. Load		
		mm	in	mm	in	mm	in	Lbs	Kg	N
KTQRJ	3/8	42.86	1.69	177.8	7	25.4	1	730	329	3250
KTQRJ	1/2	44.45	1.75	177.8	7	25.4	1	1350	608	6010
KTQRJ	5/8	58.74	2.31	177.8	7	25.4	1	2160	972	9610
KTQRJ	3/4	60.33	2.38	177.8	7	25.4	1	3230	1454	14370
KTQRJ	7/8	60.33	2.38	177.8	7	25.4	1	4480	2016	19930
KTQRJ	1	60.33	2.38	177.8	7	25.4	1	5900	2655	26240

STRUCTURAL ATTACHMENTS

WELDED BEAM ATTACHMENT

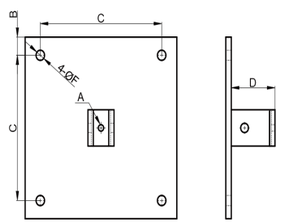


- **Function:** Designed for attaching hanger rod to the bottom flange of a beam. If installed in the inverted position, the hanger rod can be vertically adjusted otherwise bolt and nut are required.
- **Material:** Carbon steel (Type 304 or 316 Stainless Steel upon request)
- **Finish:** Plain、Electro-galvanized (Hot dipped galvanized with electrogalvanized hardware upon request)
- **Ordering:** Specify size, Material,,Finish.

Item	Size	A	B		C		E		F		G		H		Bolts	Max. Rec. Load		
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	in	Lbs	Kg	N
LJB01	3/8	3/8	50.8	2	47.63	1.88	22.23	0.88	31.75	1.25	6	0.24	50.8	2	1/2X2 1/2	730	329	3250
LJB01	1/2	1/2	50.8	2	44.45	1.75	22.23	0.88	31.75	1.25	6	0.24	50.8	2	5/8X2 1/2	1350	608	6010
LJB01	5/8	5/8	50.8	2	44.45	1.75	22.23	0.88	31.75	1.25	6	0.24	50.8	2	3/4X2 1/2	2160	972	9610
LJB01	3/4	3/4	63.5	3	50.8	2.00	31.75	1.25	57.15	2.25	9.2	0.36	50.8	2	7/8X4	3230	1454	14370
LJB01	7/8	7/8	63.5	3	76.2	3.00	31.75	1.25	60.33	2.38	9.2	0.36	76.2	3	1X4 1/2	4480	2016	19930
LJB01	1	1	76.2	3	76.2	3.00	38.1	1.50	69.85	2.75	11.75	0.46	76.2	3	1 1/8X5	5900	2655	26240
LJB01	1 1/8	1 1/8	76.2	3	76.2	3.00	44.45	1.75	76.2	3.00	11.75	0.46	76.2	3	1 1/4X5	7450	3353	33140
LJB01	1 1/4	1 1/4	101.6	4	88.9	3.50	50.8	2.00	88.9	3.50	15.88	0.63	76.2	3	1 3/8X6 1/2	9500	4275	42260
LJB01	1 1/2	1 1/2	127	5	101.6	4.00	63.5	2.50	76.2	3.00	19.05	0.75	101.6	4	1 5/8X6	13800	6210	61390
LJB01	1 3/4	1 3/4	127	5	127	5.00	69.85	2.75	95.25	3.75	19.05	0.75	127	5	1 7/8X7	18600	8370	82740
LJB01	2	2	152.4	6	133.35	5.25	82.55	3.25	95.25	3.75	19.05	0.75	127	5	2 1/4X7	24600	11070	109430

STRUCTURAL ATTACHMENTS

CONCRETE ROD ATTACHMENT PLATE

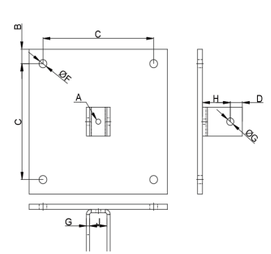


- **Function:** Designed for attaching hanger rod to a concrete ceiling.
- **Material:** Carbon steel (Type 304 or 316 Stainless Steel upon request)
- **Finish:** Plain、Electro-galvanized (Hot dipped galvanized upon request)
- **Ordering:** Specify size, Finish.

Item	Size	A	B	C		D		F		Plate Size	Plate Size	Max. Rec. Load		
		mm	in	mm	in	mm	in	mm	in	mm	mm	Lbs	Kg	N
LJB	3/8	3/8	25.4	203.2	8	73.03	2.88	14.29	0.56	254 x 254 x 9.2	10X10X0.36	730	329	3250
LJB	1/2	1/2	25.4	203.2	8	73.03	2.88	14.29	0.56	254 x 254 x 9.2	10X10X0.36	1350	608	6010
LJB	5/8	5/8	25.4	203.2	8	73.03	2.88	14.29	0.56	254 x 254 x 9.2	10X10X0.36	2160	972	9610
LJB	3/4	3/4	25.4	203.2	8	82.55	3.25	17.46	0.69	254 x 254 x 11.75	10X10X0.46	3230	1454	14370
LJB	7/8	7/8	25.4	203.2	8	107.95	4.25	17.46	0.69	254 x 254 x 11.75	10X10X0.46	4480	2016	19930
LJB	1	1	50.8	203.2	8	114.3	4.50	20.64	0.81	304.8 x 304.8 x 11.75	12X12X0.46	5900	2655	26240
LJB	1 1/8	1 1/8	50.8	203.2	8	120.65	4.75	20.64	0.81	304.8 x 304.8 x 11.75	12X12X0.46	7450	3353	33140
LJB	1 1/4	1 1/4	50.8	203.2	8	127	5.00	23.81	0.94	304.8 x 304.8 x 19.05	12X12X0.75	9500	4275	42260
LJB	1 1/2	1 1/2	50.8	203.2	8	165.1	6.50	26.99	1.06	304.8 x 304.8 x 25.4	12X12X1	13800	6210	61390
LJB	1 3/4	1 3/4	50.8	254	10	196.85	7.75	34.93	1.38	355.6 x 355.6 x 31.75	14X14X1.25	18600	8370	82740
LJB	2	2	50.8	254	10	209.55	8.25	34.93	1.38	355.6 x 355.6 x 31.75	14X14X1.25	24600	11070	109430

STRUCTURAL ATTACHMENTS

CONCRETE CLEVIS PLATE

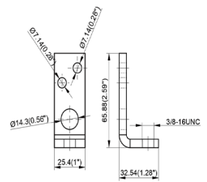


- **Function:** Designed for attaching hanger rod to a concrete ceiling.
- **Material:** Carbon steel (Type 304 or 316 Stainless Steel upon request)
- **Finish:** Plain、Electro-galvanized (Hot dipped galvanized upon request)
- **Ordering:** Specify size, Finish.

Item	Size	A	B		C		D		F		G		H		J		Plate Size		Max. Rec. Load		
		mm	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	Lbs	Kg	N
LJB1	3/8"	3/8	25.4	1	203.2	8	22.23	0.88	14.29	0.56	12.7	0.50	50.8	2.00	31.75	1.25	254 x 254 x 9.2	10X10X0.36	730	329	3250
LJB1	1/2"	1/2	25.4	1	203.2	8	22.23	0.88	14.29	0.56	15.88	0.63	50.8	2.00	31.75	1.25	254 x 254 x 9.2	10X10X0.36	1350	608	6010
LJB1	5/8"	5/8	25.4	1	203.2	8	22.23	0.88	14.29	0.56	19.05	0.75	50.8	2.00	31.75	1.25	254 x 254 x 9.2	10X10X0.36	2160	972	9610
LJB1	3/4"	3/4	25.4	1	203.2	8	31.75	1.25	17.46	0.69	22.23	0.88	50.8	2.00	57.15	2.25	254 x 254 x 11.75	10X10X0.46	3230	1454	14370
LJB1	7/8"	7/8	25.4	1	203.2	8	31.75	1.25	17.46	0.69	25.4	1.00	76.2	3.00	60.33	2.38	254 x 254 x 11.75	10X10X0.46	4480	2016	19930
LJB1	1"	1	50.8	2	203.2	8	38.1	1.50	20.64	0.81	28.58	1.13	76.2	3.00	69.85	2.75	304.8 x 304.8 x 11.75	12X12X0.46	5900	2655	26240
LJB1	1 1/8"	1 1/8	50.8	2	203.2	8	44.45	1.75	20.64	0.81	31.75	1.25	76.2	3.00	76.2	3.00	304.8 x 304.8 x 11.75	12X12X0.46	7450	3353	33140
LJB1	1 1/4"	1 1/4	50.8	2	203.2	8	50.8	2.00	23.81	0.94	34.93	1.38	76.2	3.00	88.9	3.50	304.8 x 304.8 x 19.05	12X12X0.75	9500	4275	42260
LJB1	1 1/2"	1 1/2	50.8	2	203.2	8	63.5	2.50	26.99	1.06	41.28	1.63	101.6	4.00	76.2	3.00	304.8 x 304.8 x 25.4	12X12X1	13800	6210	61390
LJB1	1 3/4"	1 3/4	50.8	2	254	10	69.85	2.75	34.93	1.38	47.63	1.88	127	5.00	95.25	3.75	355.6 x 355.6 x 31.75	14X14X1.25	18600	8370	82740
LJB1	2"	2	50.8	2	254	10	82.55	3.25	34.93	1.38	57.15	2.25	127	5.00	95.25	3.75	355.6 x 355.6 x 31.75	14X14X1.25	24600	11070	109430

STRUCTURAL ATTACHMENTS

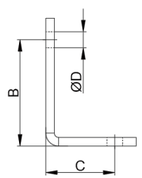
STEEL SIDE BEAM CONNECTOR



- **Function:** Designed for attaching hanger rod to wood structures. Secured with lag screw or two wood drive screws,see chart.
- **Material:** Carbon steel
- **Finish:** Plain、Electro-galvanized (Hot dipped galvanized upon request)
- **Approvals:** Complies with Manufacturers' Standardization Society ANSI/MSS SP-58 (Type 34) which supersedes ANSI/MSS SP-69.
- **Ordering:** Specify size, Finish.

Item	Size	Max. Pipe Size	Fasteners	Max. Rec. Load		
		in	in	Lbs	Kg	N
CLLJ	3/8X2	2	(2) #16 x 2	400	180	1780
CLLJ	3/8X4	4	1/2X2 1/2	730	329	3250

REVERSIBLE ANGLE BRACKET

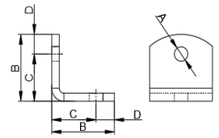


- **Function:** Designed to support pipe at various distances from a wall or column.
- **Material:** Carbon steel (Type 304 or 316 Stainless Steel upon request)
- **Finish:** Plain、Electro-galvanized (Hot dipped galvanized upon request).
- **Ordering:** Specify size, Material,,Finish.

Item	Size	B		C		D		Max. Rec. Load		
		mm	in	mm	in	mm	in	Lbs	Kg	N
SJTJ	76X51X3/8	76.2	3	50.8	2	11.11	0.44	180	81	800
SJTJ	102X76X3/8	101.6	4	76.2	3	11.11	0.44	180	81	800
SJTJ	76X51X1/2	76.2	3	50.8	2	14.29	0.56	390	176	1730
SJTJ	102X76X1/2	101.6	4	76.2	3	14.29	0.56	390	176	1730

STRUCTURAL ATTACHMENTS

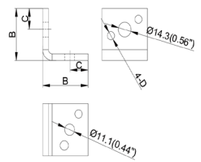
SIDE BEAM ANGLE BRACKET



- **Function:** Designed for use with wood, concrete, or steel beams to provide a means for supporting hanger rod. When used on steel beams can be welded or bolted in place.
- **Material:** Carbon steel (Type 304 or 316 Stainless Steel upon request)
- **Finish:** Plain、Electro-galvanized (Hot dipped galvanized upon request).
- **Approvals:** Complies with Manufacturers' Standardization Society ANSI/MSS SP-58 (Type 34) which supersedes ANSI/MSS SP-69.
- **Ordering:** Specify size, Material,,Finish.

Item	Size	For Pipe Size	B		C		D		Max. Rec. Load			Max. Rec. Load		
		in	mm	in	mm	in	mm	in	Lbs	Kg	N	Lbs	Kg	N
CJTJ	3/8"	15 to 50	53.98	2.13	38.1	1.50	15.88	0.63	390	176	1730	580	261	2580
CJTJ	1/2"	65 to 90	53.98	2.13	38.1	1.50	15.88	0.63	640	288	2850	960	432	4270
CJTJ	5/8"	100 to 125	63.5	2.50	38.1	1.50	25.4	1.00	760	342	3380	1500	675	6670
CJTJ	3/4"	150 to 200	63.5	2.50	38.1	1.50	25.4	1.00	830	374	3690	2500	1125	11120
CJTJ	7/8"	250 to 300	82.55	3.25	57.15	2.25	25.4	1.00	830	374	3690	3600	1620	16010

REVERSIBLE SIDE BEAM ANGLE BRACKET

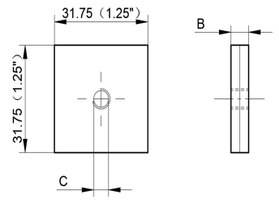


- **Function:** Designed for attaching hanger rod to the side of beams or walls.Can accommodate either 3/8"or 1/2" rod.
- **Material:** Carbon steel
- **Finish:** Plain 、Electro-galvanized (Hot dipped galvanized upon request).
- **Approvals:** Complies with Manufacturers' Standardization Society ANSI/MSS SP- 58 (Type 34) which Specify
- **Ordering:** size, Material,,Finish.

Item	Size	B		C		D		Max. Rec. Load		
		mm	in	mm	in	mm	in	Lbs	Kg	N
SCJTJ	3/8-1/2	50.8	2.00	20.64	0.81	7.14	0.28	500	225	2220

STRUCTURAL ATTACHMENTS

CONCRETE INSERT NUT

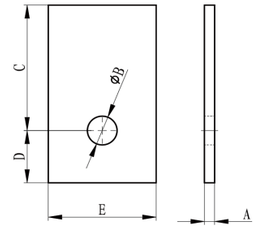


- **Function:** Designed to be used with the Fig.950 and 951 Concrete Insert.
- **Material:** Carbon steel
- **Finish:** Plain、Electro-galvanized
- **Ordering:** Specify figure number and rod size.

Item	Size	B		Rod Size C	Max. Rec. Load		
		mm	in	in	Lbs	Kg	N
QRLM	1/4"	6	0.24	1/4-20UNC	240	108	1070
QRLM	3/8"	9.2	0.36	3/8-16UNC	600	270	2670
QRLM	1/2"	11.75	0.46	1/2-13UNC	600	270	2670
QRLM	5/8"	11.75	0.46	5/8-11UNC	600	270	2670
QRLM	3/4"	11.75	0.46	3/4-10UNC	600	270	2670

STRUCTURAL ATTACHMENTS

LONG STEEL CEILING PLATE

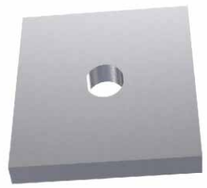


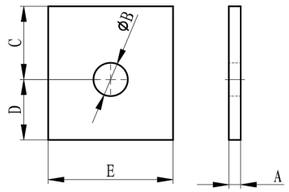
- **Function:** Designed to be welded to the underside of structural members to provide a means of supporting rod attachments.Used in conjunction with forged steel clevis.Long Welding Lug (Fig. 935) or Short Welding Lug.
- **Material:** Carbon steel
- **Finish:** Plain、Electro-galvanized (Hot dipped galvanized upon request)
- **Approvals:** Complies with Manufacturers'Standardization Society ANSI/MSS SP-58 (Type 57) which supersedes ANSI/MSS SP-69.
- **Ordering:** Specify figure number, rod size,and finish.

Item	Pin or Bolt	Hole Size B		C		D		E		Max. Rec. Load					
		mm	in	mm	in	mm	in	mm	in	650°F（343℃）			650°F（343℃）		
CHP	5/8"	17.46	0.69	76.2	3.00	31.75	1.25	63.5	2.50	1350	608	6010	1057	476	4700
CHP	3/4"	20.64	0.81	76.2	3.00	31.75	1.25	63.5	2.50	2160	972	9610	1692	761	7520
CHP	7/8"	23.81	0.94	76.2	3.00	31.75	1.25	63.5	2.50	3230	1454	14370	2530	1139	11250
CHP	1"	28.58	1.13	76.2	3.00	31.75	1.25	63.5	2.50	4480	2016	19930	3508	1579	15610
CHP	1 1/8"	31.75	1.25	76.2	3.00	38.1	1.50	76.2	3.00	5900	2655	26240	4620	2079	20550
CHP	1 3/8"	38.1	1.50	101.6	4.00	50.8	2.00	101.6	4.00	9500	4275	42260	7440	3348	33090
CHP	1 5/8"	44.45	1.75	114.3	4.50	63.5	2.50	127	5.00	13800	6210	61390	10807	4863	48070

STRUCTURAL ATTACHMENTS

SHORT STEEL CEILING PLATE



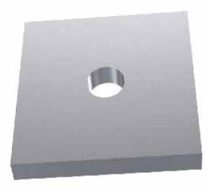


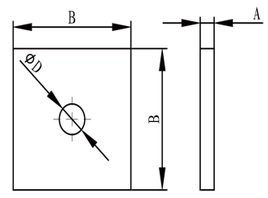
- **Function:** Designed to be welded to the underside of structural members to provide a means of supporting rod attachments.Used in conjunction with forged steel clevis.Long Welding Lug (Fig. 935) or Short Welding Lug
- **Material:** Carbon steel
- **Finish:** Plain、Electro-galvanized (Hot dipped galvanized upon request)
- **Approvals:** Complies with Manufacturers'Standardization Society ANSI/MSS SP-58 (Type 57) which supersedes ANSI/MSS SP-69.
- **Ordering:** Specify figure number, rod size,and finish.

Item	Pin or Bolt	Hole Size B		C		D		E		Max. Rec. Load					
		mm	in	mm	in	mm	in	mm	in	650°F (343℃)			650°F (343℃)		
DHP	5/8"	17.46	0.69	38.1	1.50	31.75	1.25	63.5	2.50	1350	608	6010	1057	476	4700
DHP	3/4"	20.64	0.81	38.1	1.50	31.75	1.25	63.5	2.50	2160	972	9610	1692	761	7520
DHP	7/8"	23.81	0.94	38.1	1.50	31.75	1.25	63.5	2.50	3230	1454	14370	2530	1139	11250
DHP	1"	28.58	1.13	50.8	2.00	31.75	1.25	63.5	2.50	4480	2016	19930	3508	1579	15610
DHP	1 1/8"	31.75	1.25	50.8	2.00	38.1	1.50	76.2	3.00	5900	2655	26240	4620	2079	20550
DHP	1 3/8"	38.1	1.50	76.2	3.00	50.8	2.00	101.6	4.00	9500	4275	42260	7440	3348	33090
DHP	1 5/8"	44.45	1.75	76.2	3.00	63.5	2.50	127	5.00	13800	6210	61390	10807	4863	48070

STRUCTURAL ATTACHMENTS

SQUARE PLATE WASHER





- **Function:** Designed as a heavy-duty washer to suspend hanger rods.
- **Material:** Carbon steel
- **Finish:** Plain、Electro-galvanized (Hot dipped galvanized upon request)
- **Ordering:** Specify figure number, rod size,and finish.

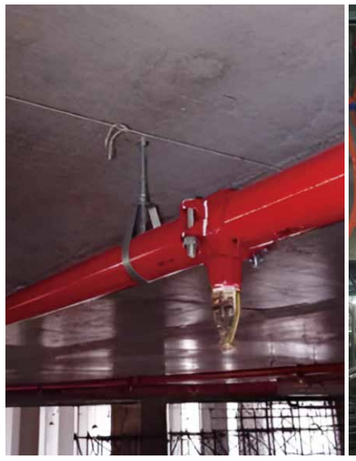
Item	Rod Size D	A		B		D	
		mm	in	mm	in	mm	in
FXDP	3/8"	6	0.24	50.8	2.00	11	0.43
FXDP	1/2"	6	0.24	50.8	2.00	13	0.51
FXDP	5/8"	6	0.24	63.5	2.50	17	0.67
FXDP	3/4"	6	0.24	63.5	2.50	20	0.79
FXDP	7/8"	9.2	0.36	76.2	3.00	24	0.94
FXDP	1"	9.2	0.36	101.6	4.00	27.5	1.08
FXDP	1 1/8"	11.75	0.46	101.6	4.00	30.5	1.20
FXDP	1 1/4"	11.75	0.46	127	5.00	34	1.34
FXDP	1 1/2"	19	0.75	127	5.00	40	1.57
FXDP	1 3/4"	19	0.75	127	5.00	46.5	1.83
FXDP	2"	19	0.75	152.4	6.00	53	2.09

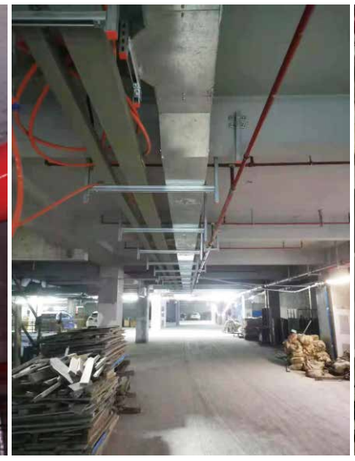
Project Performance

- BMW GROUP Plant In SAN Luis Potosi
- KAIZEN Industrial And Commercial Parks

BMW GROUP Plant In SAN Luis Potosi

KAIZEN Industrial And Commercial Parks





Project Performance

Shenzhen Ping’ an International Financial Center South Tower
Shenzhen Huide Building
Shengzhen Hengda Fahion Huigu Building
Extension line of Shenzhen Metro line 5
Extension line of Shenzhen Metro line 9
Shenzhen Huaxing Optoelectronic Industrial Plant
Shenzhen Xintong Financial Building
Shenzhen Futian Free Trade Zone Experimental School
Shenzhen Kaisa International Park
Shenzhen Xin 'an Culture and Sports Center
Shenzhen Jiulongtai Southetrn District
Shenzhen Futian Old Cadres Activity Center
Shenzhen Linghang City Lingyi Building
Shenzhen Linghang City Industrial Building
Shenzhen Xingdu·Meishatiandi
Shenzhen Airport New Town
Taiziwan, Shenzhen
Shenzhen Huafeng new energy technology industrial building
Shenzhen Minsheng Internet Building
Shenzhen Hanbang Building
Shenzhen Jiada Industrial Park
Shenzhen Apollo Future Industrial City
Comprehensive Management Gallery of the Starting Area of
Shenzhen Airport New Town
Guangzhou Ping'an Financial Center
Guangzhou Metro Line 21
Zengcheng Economic and Technological Development Zone, Guangzhou
Mingzhuwan District, Nansha New District, Guangzhou
The Second People's Hospital of Guangdong Province
Guangdong Meizhou Communication Complex Building
Zhongde Building,Foshan
FAW-Volkswagen,Foshan
Foshan Dongguan Intercity Railway
Zhaoqing High Speed Railway East Station
Zhaoqing Changli Avenue Underground Comprehensive Pipe Gallery
Huizhou Huaxing Optoelectronic Industrial Plant Project
Chongqing Yuwan High-Speed Railway ,Dianjiang Station
Chongqing Yunyang Future City
Chongqing Rongchuang Chunhuishili
Chongqing Rongchuang Tianfuyijia
Chongqing Rongchuang Langyu Special Steel
Chongqing Rongchuang Oulu Garden
Chongqing Rongchuang Jinyu
Chengdu Huayangnian-III
Chengdu Huayangnian-Xiangmendi project
Chengdu City Concert Hall
Chengdu Tianfuyijia
Chengdu Rongchuang Culture and Tourism School
Chengdu Culture and Tourism City Phase V
Sansheng Town, Chengdu
Mianyang Hebian Town Settlement Building
Mianyang Party's History and Archive Center Project
Mianyang Anzhou Dongchen International School
Mianyang Archive Center Project
New Airport line of Beijing Rail Transit
Staff Turnover Room of Beijing Urban Sub Center
Beijing New Airport Non Main Base Aviation
Industrial Plant of Urumqi Free Trade Zone
Business Building of the 12th Division of Urumqi
Urumqi 12 Division Senior High School
Department of Children, Xiangxi Hospital, Hunan Province
Xiangdong Hospital Affiliated to Hunan Normal University
Hanshou People's Hospital of Hunan Province
Hunan Fenghuang County General Hospital
Yichang Star of Hubei Zhongjian
Changsha Bantang Primary School
Ezhou Citizen Center
Ezhou Reemployment Service Center
Dalian Country Garden Davos Square
Guiyang North High Speed Railway Station
Gui'an New District Urban Complex
Gui'an Nanlong Xinyuan Hotel
Jiangsu Qidong Evergrande Maritime Venice
Zhejiang Yuyao Thousand Talents Plan
Ningbo Yinzhou Culture and Art Center
Ningbo Siming Middle School
Ningbo New Materials (International) Innovation Center
Testing Center of Yiwu Water Treatment Co., Ltd
Anhui Bozhou Jian'an Culture Square
Hefei Sipailou United building
Fujian Minqing exhibition hall
Underground Comprehensive Pipe Gallery of East Maluanwan Road, Fujian Province
Xiamen Mobile Center
Jinan Xinyuan School
Nanning Underground Comprehensive pipe Gallery PPP Project
Underground Comprehensive Pipe Gallery of Liudong New District, Liuzhou
Underground Comprehensive Pipe Gallery of Weihai Binhai New City
Haidong Underground Comprehensive Pipe Gallery, Qinghai
Haihua Island, Hainan, China
Hangzhou Zhongxin Wafer Semiconductor
Rongchuang Southwest Regional Group
Underground Comprehensive Pipe Gallery of Tonghua City, Jilin Province