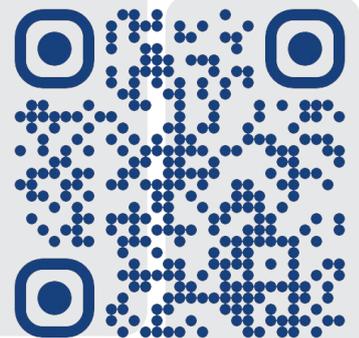




PIPE CLAMPS & HANGERS WITH ACCESSORIES



www.sever-fix.com
www.sever-fix.ru



SEVER-FIX

For Building and Construction Materials

PIPE CLAMPS & HANGERS WITH ACCESSORIES



Pipe Clamps & Hangers With Accessories

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ABOUT SEVER-FIX

SEVER-FIX

Introduction

SEVER-FIX is a **Russian manufacturer company** providing building and construction solutions that is empowering the region's construction industry for the past 4 years. We have been successfully providing solutions through mastering our main business activities: Design, Manufacture and Trade.



Design:

Provide Design & Engineering Solution to the construction sector, complying with international & local standards.



Manufacture:

Operating with Global Standards, we are widely recognized for our advanced light steel solutions and Hot-Dip Galvanization Facility.



Trade:

We are Importer/Exporter of Building & Construction Materials.

Our experienced teams and operations are present inside Russia and across the Middle-East North Africa regions (MENA) and Pakistan, giving us an extensive regional network that benefits our clients and partners. We are also present in Europe via our design and engineering office in Moscow.

For more information, please visit: www.sever-fix.com

Mission & Vision

Mission

SEVER-FIX is committed to transforming the construction and building sector by equipping engineers with advanced solutions and expert support at every project stage. As a leading industry provider, we empower our team to deliver exceptional service that consistently exceeds expectations. By fostering a cohesive and forward-focused culture, we attract and retain top talent, driving our mission forward. Our innovative, customer-centric products set new industry benchmarks and pave the way for future progress.

Vision

To be the Customer's First Choice...

Our Strategy

SEVER-FIX's strategy continues to focus on accelerating its business throughout the region, to service the construction sector via superior products & solutions, backed up by a group of highly experienced people in the field. SEVER-FIX also aims to enhance its geographical presence in its areas of interest and where opportunities exist.

We combine a deep understanding of building and construction materials markets with a successful history of upgrading our products and developing our processes.

We have the qualified employees, the know-how and the products to service major construction projects, medium sized to mega projects taking in care our positive contribution to our societies.

We thrive towards excellence by acknowledging:



Customer Satisfaction



Partner and Supplier Relations



Employee Retention



Positive Influence on Society and Environment

Our Employees

We are a company that prides itself on its 'family' culture and we seek out high-caliber people. We are a company that has, at its core, a team philosophy that is clearly apparent each and every day - there is a real sense of being there for one another.

We believe in nurturing the skills of our team members and providing growing levels of responsibility. Our people bring unique skills, energy, expertise, experience and perspectives to our workforce.

SEVER-FIX's family of employees consists of experienced, well-motivated and dedicated team of engineers, technicians, sales executives and management staff. This team is committed to serve our customers, with the best solutions available in the market.



Our Manufacturing Arm SEVER-FIX

SEVER-FIX is a manufacturer of light steel construction products in the region, servicing the construction sector through its state of the art facilities which are spread all over the Russian regions. Products of SEVER-FIX are manufactured from quality raw material according to the relevant international standards to meet all kinds of construction projects requirements, such as MEP, façade & waste management systems.

Commitment to Quality

Our commitment to quality is clearly revealed in the way we do our business; our processes, our close interaction with our clients as well as the strict product inspection procedures. To achieve this, we have implemented quality systems & processes that are continually being improved to satisfy our customer's needs.

Product Development

Product development process is substantial to the success of our business. We leverage all resources to provide up-to-date reliable products, environmentally friendly, durable to withstand the toughest weather conditions. Our engineers are constantly testing the products, seeking to present a combination of performance and quality across all our product ranges.

Value Chain

Our value chain starts up with the quality of the raw materials and ends up in client satisfaction. Our business practices backed up by all technologically essential business elements are supported by an efficient logistics, warehousing and delivery system that maintains a valuable supply chain for products.

The value chain is integrated in our business module, giving us strength and preserving our good reputation gained through the past years.

Engineering Specialty

Our products development engineers integrate their vast knowledge to provide the perfect solution to projects within the required specifications and time-frame.

The products development department maintains highly skilled calibers with a dedication towards efficient and reliable solutions even in the most complicated cases where delicacy and skillful approaches are indispensable.

Design and Product Safety

Our design and engineering office in Moscow ensures our products comply with relevant Russian, European and international standards of fabrication, taking into attention the safety factors which govern the public safety of projects.

Sustainability and Responsibility

We are constantly working hard to reduce our environmental footprints while maintaining the high quality and safety standards. We have set our targets to become three times more efficient in the next 10 years.

Our Design Office



SEVER-FIX RUSSIA is a "Design & Engineering" Office. SEVER-FIX Russia support SEVER-FIX operations through well-informed cadre of engineers. They help our customers from conception to the completion by delivering design, engineering and project management services.

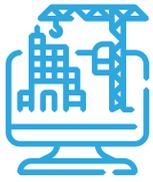
Thanks to our multidisciplinary team in SEVER-FIX Russia and their expertise, we assist you in your ambition to develop your innovation, your engineering and your organization. Our goal is to serve our clients through these elements:

- Excellent in engineering ideas and solutions
- High quality in performance
- Firmness on meeting deadlines



SEVER-FIX Products

SEVER-FIX produces a variety of products ranging from cable management systems; cable trays, cable ladders and support systems, to mechanical cladding fixations, steel lintels and block work accessories, plasterers' beads, expanded metal and block work reinforcement, strut channel systems, pipe clamps & hangers, as well as garbage and linen chutes. With the introduction of new machines and the enhancement of production methods, SEVER-FIX continues to develop its production methods systematically as well as thoroughly. Its design office in Moscow, Russia provides a comprehensive design and calculation case studies, enabling the factory to have the safety factors required for the usage of its products.



MEP Solutions

Pipe Clamps & Hangers

Pipe Clamps and Hangers from SEVER-FIX used in the support of pipes and equipments are manufactured according to the highest standards of fabrication. A diversified choice of Pipe Hangers, Pipe Clamps, EMT Straps, Omega Clamps, Beam Clamps, J and U-Bolts and Threaded Accessories.



C-Channel Strut Systems

SEVER-FIX's Metal Framing Systems provide an economical solution for electrical, mechanical and industrial supports with a wide variety of applications in the construction industry. Applications: - Pipe and Conduit Supports - Tunnel Pipe Stanchions - Racks and Shelvings - Wall Framings.



Galvanized Threaded Rods and Accessories

Threaded rod, often referred to as a stud, is a rod of varying length that is threaded in a helical structure. Similar in appearance to a screw, the threading extends around and along the rod to cause rotational movements when in use.



PIPE CLAMPS & HANGERS

Galvanized pipe clamp SEVER-FIX

The two-screw pipe clamp with a sound insulation insert with resistance to high temperatures



Sliding element on cantilever

Applications

- Fixing of high-temperature pipelines with threaded rods or stud screws (e.g. steam pipes).
- For use in dry interior areas.

Certificates



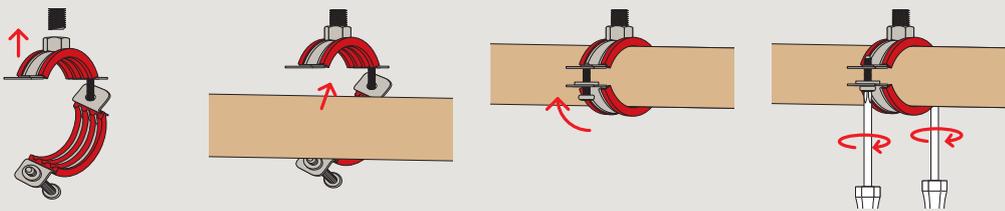
Advantages

- The special silicone sound insulation insert allows a use with average temperatures of up to +110 °C.
- The two screws enable an easy adjustment to suit the outer pipe diameter.
- The screw's safety feature ensures trouble-free installation.

Properties

- Material: steel DD11 (material no. 1.0332) acc. to GOCT 24140-80
- Zinc plating: electro zinc-plated
- Connecting nut: (up to SEVER-FIX 59 - 63) resistance welded, M8 and M8/M10 SW 13, M10 SW 17
- Locking screw: flat head screw with combination recessed head
- Material sound insulation insert: EPDM
- Sound insulation: for GOCT 24140
- Temperature range: -40 °C to +110 °C
- Hardness: 60 ± 5° Shore A
- Fire behaviour: GOCT 24140

Installation SEVER-FIX





SEVER-FIX

Technical data

Item	Item no.	Thread	Size	Clamping range	Width	Height	Height	Width x thickness clamp band	Locking screw	Installation torque T_{inst} [Nm]	Max. re-com. static load (centr. tension) N_{rec} [kN]	Sales unit [pcs]
		A * L		D	B	H	Z	b x s				
			[in]	[mm]	[mm]	[mm]	[mm]	[mm]				
FFS- 00110	113001	M8*60	3/8	15 - 19	62	41	24	20 x 1.25	M5	2	1.00	-
FFS- 00111	113002	M8*60	1/2	20 - 24	68	46	26	20 x 1.25	M5	2	1.00	220
FFS- 00112	113003	M8*60	3/4	25 - 30	75	52	29	20 x 1.25	M5	2	1.00	200
FFS- 00113	113004	M8*60	1	32 - 37	80	59	33	20 x 1.25	M5	2	1.00	160
FFS- 00114	113010	M8*60	1 1/4	40 - 45	90	67	37	20 x 1.25	M5	2	1.00	140
FFS- 00115	113011	M8*60	1 1/2	48 - 53	97	75	41	20 x 1.25	M5	2	1.00	130
FFS- 00115B	113012	M8*60	-	54 - 59	104	81	44	20 x 1.25	M5	2	1.00	-
FFS- 00122	113013	M8*60	2	60 - 64	110	86	46	20 x 1.25	M5	2	1.00	120
FFS- 00123	113014	M10*100	-	68 - 73	122	95	51	25 x 1.5	M6	2	1.30	-
FFS- 00124	113015	M10*100	2 1/2	74 - 78	130	100	55	25 x 1.5	M6	2	1.30	100
FFS- 00124 B	113016	M10*100	-	80 - 86	130	108	58	25 x 1.5	M6	2	1.30	-
FFS- 00125	113017	M10*100	3	87 - 92	141	114	61	25 x 1.5	M6	2	1.30	90
FFS- 00242	113018	M10*100	-	95 - 103	156	125	67	25 x 1.5	M6	2	1.30	-
FFS- 00244	113040	M10*100	4	102 - 116	172	140	74	25 x 1.5	M6	2	2.00	60
FFS- 00310	113050	M10*100	5	133 - 141	198	174	95	25 x 2.0	M8	3	2.00	55
FFS- 00482	113060	M10*100	6	159 - 168	226	201	109	25 x 2.0	M8	3	2.00	50



Pipe clamp SEVER-FIX M8 & M10

The two-screw pipe clamp with combination connecting thread Threaded nut



Pipe assembly



Height adjustable pipe installation

Applications

- Secure fixing for pipes with threaded rods or stud screws (also when there are fire protection requirements).
- For use in dry interior areas.

Certificates



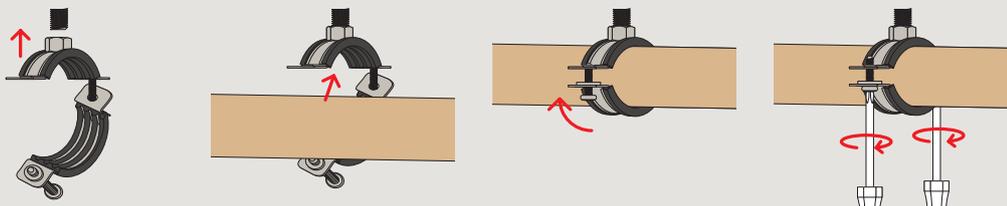
Advantages

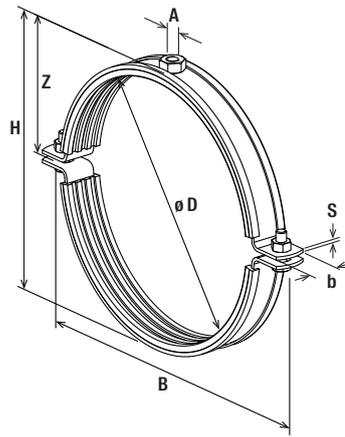
- The fire test report guarantees independently tested functional safety.
- The two screws allow an easy adjustment to suit the outer pipe diameter.
- The combination connecting nut with thread M8/M10 enables optimised mounting choices.
- The sound insulation insert offers noise protection and prevents contact corrosion.
- The screw's safety feature ensures trouble-free installation.

Properties

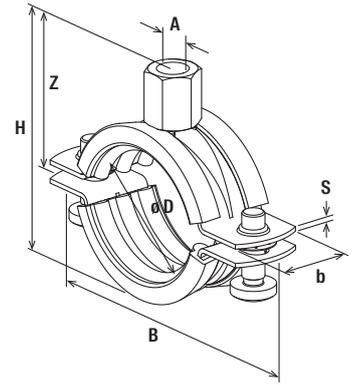
- Material: steel DC01 (material no. 1.0330) acc. to **ГОСТ 24140-80**
- Zinc plating: electro zinc-plated
- Connecting nut: resistance welded, M8 / M10, SW 13
- Locking screw: flat head screw with combination recessed head
- Material sound insulation insert: EPDM; chlorine-free; silicone-free
- Sound insulation: for **ГОСТ 24140**
- Temperature range: -40 °C to +100 °C
- Hardness: 55 ± 5° Shore A
- Fire behaviour: **ГОСТ 24140**

Installation SEVER-FIX





SEVER-FIX (>6" or 168 mm)



SEVER-FIX

Technical data

Item	Item no.	Approval	Fire test report	Thread	Size	Clamping range	Width	Height	Height	Width x thickness clamp band	Locking screw	Installation torque	Max. recom. static load (centr. tension)	Sales unit
SF C-00401	113101	●	Yes	M8 / M10	1/4	12 - 15	55	39	31	20 x 1.25	M5	2	1.00	-
SF C-00402	113102	●	Yes	M8 / M10	3/8	15 - 19	59	43	29	20 x 1.25	M5	2	1.00	-
SF C-00403	113103	●	Yes	M8 / M10	1/2	20 - 24	65	48	32	20 x 1.25	M5	2	1.00	220
SF C-00404	113104	●	Yes	M8 / M10	3/4	25 - 30	72	54	35	20 x 1.25	M5	2	1.00	200
SF C-00405	113105	●	Yes	M8 / M10	1	32 - 37	77	61	38	20 x 1.25	M5	2	1.00	160
SF C-00420	113106	●	Yes	M8 / M10	1 1/4	40 - 45	89	69	42	20 x 1.25	M5	2	1.00	140
SF C-00421	113107	●	Yes	M8 / M10	1 1/2	48 - 54	99	78	46	20 x 1.25	M5	2	1.00	130
SF C-00422	113108	●	Yes	M8 / M10	2	55 - 61	105	85	50	20 x 1.25	M5	2	1.00	120
SF C-00422 B	113109	●	Yes	M8 / M10	2	63 - 67	111	91	53	20 x 1.25	M6	2	1.00	120
SF C-00430	113110	●	Yes	M8 / M10	2 1/2	72 - 80	125	104	60	20 x 1.5	M6	2	1.50	100
SF C-00431	113111	●	Yes	M8 / M10	3	87 - 92	137	116	66	20 x 1.5	M6	2	1.50	90
SF C-00432	113112	●	Yes	M8 / M10	-	95 - 103	149	130	73	25 x 1.5	M6	2	2.00	-
SF C-00440	113113	●	Yes	M8 / M10	4	108 - 116	164	140	78	25 x 1.5	M6	2	2.00	60
SF C-00440 B	113114	●	Yes	M8 / M10	-	121 - 128	176	152	84	25 x 1.5	M6	2	2.50	-
SF C-00450	113115	●	Yes	M8 / M10	5	133 - 141	187	165	90	25 x 2.0	M6	2	2.50	55
SF C-00455	113116	●	Yes	M8 / M10	-	159 - 165	211	198	102	25 x 1.5	M6	2	2.50	-
SF C-00460	113117	●	Yes	M8 / M10	6	165 - 168	225	192	104	25 x 2.0	M6	2	2.50	50
SF C-00480	113118	●	Yes	M8 / M10	-	200 - 206	256	227	118	25 x 2.0	M8	3	2.75	-
SF C-00500	113119	●	Yes	M8 / M10	8	210 - 219	262	240	124	25 x 2.0	M8	3	2.75	30

For load information under fire exposure, see chapter Basic knowledge.

Pipe clamp SEVER-FIX SF-C-HDC

SEVER-FIX pipe clamp with high corrosion protection Heavy Duty



Pipe assembly



Heavy pipe on cantilever

Applications

- Secure fixing for pipes with threaded rods or stud screws (also when there are fire protection requirements)
- For indoor and outdoor application.

Certificates



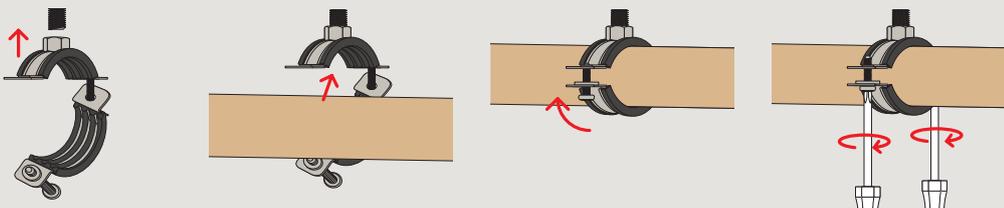
Advantages

- The two screws allow an easy adjustment to suit the outer pipe diameter.
- The combination connecting nut with thread M8 / M10 enables optimised mounting choices.
- The sound insulation insert offers noise protection and prevents contact corrosion.
- The screw's safety feature ensures trouble-free installation.

Properties

- Material: steel DC01 (material no. 1.0330) acc. to **ГОСТ 24140-80**
- Coating: zinc
- Connecting nut: resistance welded, M8 / M10 SW13
- Locking screw: flat head screw with combination recessed head
- Material sound insulation insert: EPDM; chlorine-free; silicone-free
- Sound insulation: for **ГОСТ 24140**
- Temperature range: -40 °C to +100 °C
- Hardness: 55 ± 5° Shore A
- Fire behaviour: **ГОСТ 24140**: Class B2

Installation SEVER-FIX



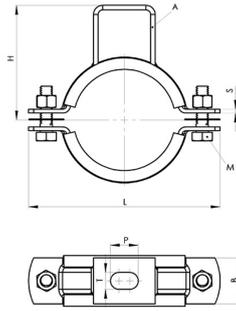
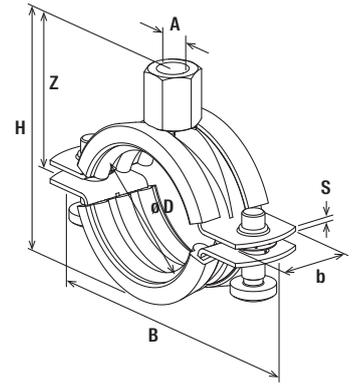


Table 2



SEVER-FIX

Table 1

Technical data

Table 1

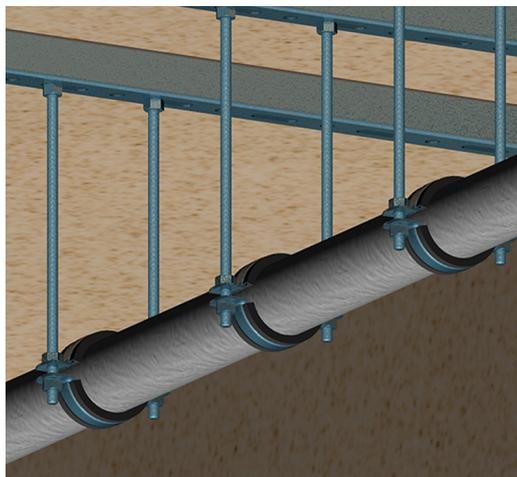
Item	Item no.	Thread	Size	Clamping range	Height	Height	Width x thickness clamp band	Locking screw	Max. recom. static load (centr. tension)	Installation torque	Sales unit
		A	[in]	D [mm]	H [mm]	Z [mm]	b x s [mm]		N_{rec} [kN]	T_{inst} [Nm]	
SF-C-HDC-00601	113220	M8 / M10	1/4	12 - 15	39	31	20 x 1.25	M6	1.00	2	100
SF-C-HDC-00602	113221	M8 / M10	3/8	15 - 19	43	29	20 x 1.25	M6	1.00	2	100
SF-C-HDC-00603	113222	M8 / M10	1/2	20 - 24	48	32	20 x 1.25	M6	1.00	2	100
SF-C-HDC-00604	113223	M8 / M10	3/4	25 - 30	54	35	20 x 1.25	M6	1.00	2	100
SF-C-HDC-00605	113224	M8 / M10	1	32 - 37	61	38	20 x 1.25	M6	1.00	2	100
SF-C-HDC-00620	113225	M8 / M10	1 1/4	40 - 45	69	42	20 x 1.25	M6	1.00	2	50
SF-C-HDC-00621	113226	M8 / M10	1 1/2	48 - 54	78	46	20 x 1.25	M6	1.00	2	50
SF-C-HDC-00622	113227	M8 / M10	2	55 - 61	85	50	20 x 1.25	M6	1.00	2	50
SF-C-HDC-00622B	113228	M8 / M10	2	63 - 67	91	53	20 x 1.25	M6	1.00	2	50
SF-C-HDC-00630	113229	M8 / M10	2 1/2	72 - 80	104	60	20 x 2.0	M6	1.50	2	25
SF-C-HDC-00631	113230	M8 / M10	3	87 - 92	116	66	20 x 2.0	M6	1.50	2	25
SF-C-HDC-00632	113231	M8 / M10	-	95 - 103	130	73	25 x 2.0	M6	2.00	2	25
SF-C-HDC-00640	113232	M8 / M10	4	108 - 116	140	78	25 x 2.0	M6	2.00	2	20
SF-C-HDC-00640B	113233	M8 / M10	-	121 - 128	152	84	25 x 2.5	M6	2.50	2	10
SF-C-HDC-00650	113234	M8 / M10	5	133 - 141	165	90	25 x 2.5	M6	2.50	2	10
SF-C-HDC-00655	113235	M8 / M10	-	159 - 165	198	102	25 x 2.5	M6	2.50	2	8
SF-C-HDC-00660	113236	M8 / M10	6	165 - 168	192	104	25 x 2.5	M6	2.50	2	8

Table 2

Item	Item no.	Thread	Size	Clamping range	Height	Length	Width x thickness clamp band	Locking screw	Max. recom. static load (centr. tension)	Installation torque	Sales unit
		A	[in]	D [mm]	H [mm]	L [mm]	s x b [mm]		N_{rec} [kN]	T_{inst} [Nm]	
SF-C-HD-00701	114220	-	1/4	12 - 15	-	-	-	-	-	-	-
SF-C-HD-00702	114221	-	3/8	15 - 19	-	-	-	-	-	-	-
SF-C-HD-00703	114222	-	1/2	20 - 24	-	-	-	-	-	-	-
SF-C-HD-00704	114223	3 * 30	3/4	25 - 30	37.0	84.0	2.5 x 30	M8	11.00	2.8	150
SF-C-HD-00705	114224	3 * 30	1	32 - 37	42.0	90.0	2.5 x 30	M8	11.00	2.8	140
SF-C-HD-00720	114225	3 * 30	1 1/4	40 - 45	48.0	98.0	2.5 x 30	M8	11.00	2.8	130
SF-C-HD-00721	114226	3 * 30	1 1/2	48 - 57	53.0	106.0	2.5 x 30	M8	11.00	2.8	120
SF-C-HD-00722	114227	3 * 30	2	54 - 61	57.5	114.5	2.5 x 30	M8	11.00	2.8	110
SF-C-HD-00722B	114228	3 * 30	2	62 - 67	61.0	120.5	2.5 x 30	M8	11.00	2.8	110
SF-C-HD-00730	114229	3 * 30	2 1/2	72 - 81	70.0	140.0	3.0x30	M10	15.0	3.8	100
SF-C-HD-00731	114230	3 * 30	3	87 - 92	74.0	147.0	3.0x30	M10	15.0	3.8	80
SF-C-HD-00732	114231	3 * 30	-	93 - 103	78.0	156.0	3.0x30	M10	15.0	3.8	70
SF-C-HD-00740	114232	3 * 30	4	108 - 119	88.0	176.0	3.0x30	M10	15.0	3.8	60
SF-C-HD-00740B	114233	3 * 30	-	120 - 128	93.0	183.0	3.0x30	M10	15.0	3.8	50
SF-C-HD-00750	114234	4 * 40	5	133 - 141	118.0	222.0	4.0x40	M12	24.0	6.0	40
SF-C-HD-00755	114235	4 * 40	-	159 - 165	121.0	225.5	4.0x40	M12	24.0	6.0	30
SF-C-HD-00760	114236	4 * 40	6	169 - 177	133.0	252.0	4.0x40	M12	24.0	6.0	20

Galvanized Hanging Pipe Clamp SEVER-FIX

The two-screw pipe clamp with a sound insulation insert with resistance to high temperatures **without nut**



Applications

- Fixing of high-temperature pipelines with threaded rods or stud screws (e.g. steam pipes).
- For use in dry interior areas.

Certificates



Advantages

- The special silicone sound insulation insert allows a use with average temperatures of up to +110 °C.
- The two screws enable an easy adjustment to suit the outer pipe diameter.
- The screw's safety feature ensures trouble-free installation.

Properties

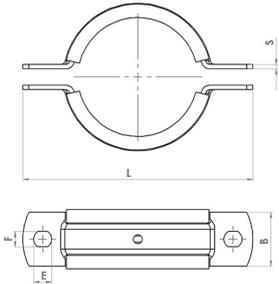
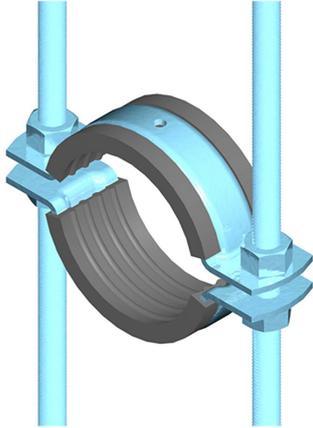
- Material: steel DD11 (material no. 1.0332) acc. to **ГОСТ 24140-80**
- Zinc plating: electro zinc-plated
- Connecting nut: (up to SEVER-FIX 59 - 63) resistance welded, M8 and M8/M10.
- Locking screw: flat head screw with combination recessed head
- Material sound insulation insert: EPDM
- Sound insulation: for **ГОСТ 24140-80**
- Temperature range: -40 °C to +110 °C
- Hardness: 60 ± 5° Shore A

Installation SEVER-FIX

Without hanging nut, assembly through threaded rods and nuts suitable to the application and loads, with height adjustment ability.

Specify pipe size, figure number, name and finish. Threaded rods and nuts should be ordered separately.
Packaging: Unassembled



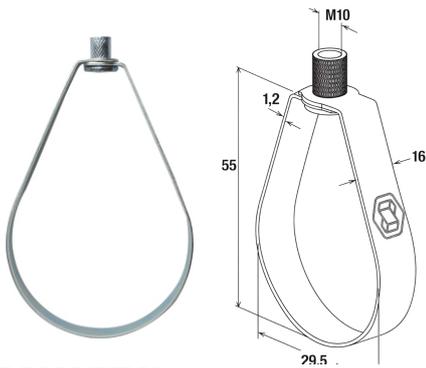


SEVER-FIX

Technical data

Item	Item no.	Thread	Size	Clamping range	Width	Height	Height	Width x thickness clamp band	Locking screw	Installation torque	Max. re-com. static load (centr. tension)	Sales unit
		A	[in]	D [mm]	B [mm]	H [mm]	Z [mm]	b x s [mm]				
SF-R-00700	117009		1 1/2	48 - 53	97	75	41	35 x 1.5	M10	2	2.00	50
SF-R-00701	117010		2 1/2	74 - 80	130	100	55	35 x 1.5	M10	2	2.00	25
SF-R-00702	117012		4	108 - 116	172	140	74	35 x 2.0	M10	2	2.00	25
SF-R-00703	117011		6	162 - 168	198	174	95	35 x 2.0	M10	3	3.00	15
SF-R-00704	117014		8	206 - 220	226	201	109	35 x 2.5	M10	3	3.00	10
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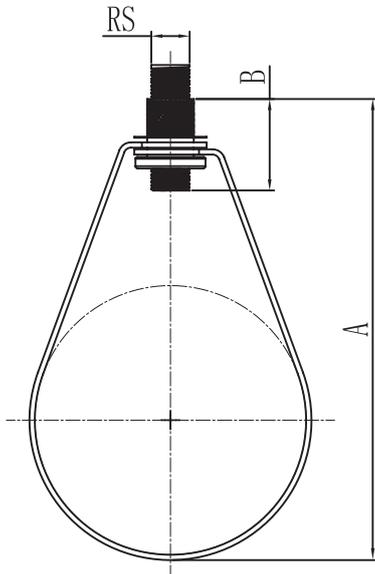
Sprinkler clamp



DESCRIPTION

- Used for suspension of non-insulated pipe line.
- One piece clip allows high permissible loads.
- It can be mount without any tools.
- Height is adjustable.

TECHNICAL DATA



Properties:

Material	Galvanized Steel Q 235
Micron	≥ 5 μM
Finish	Electro galvanized, Epoxy coated & other finish available upon request

APPROVALS

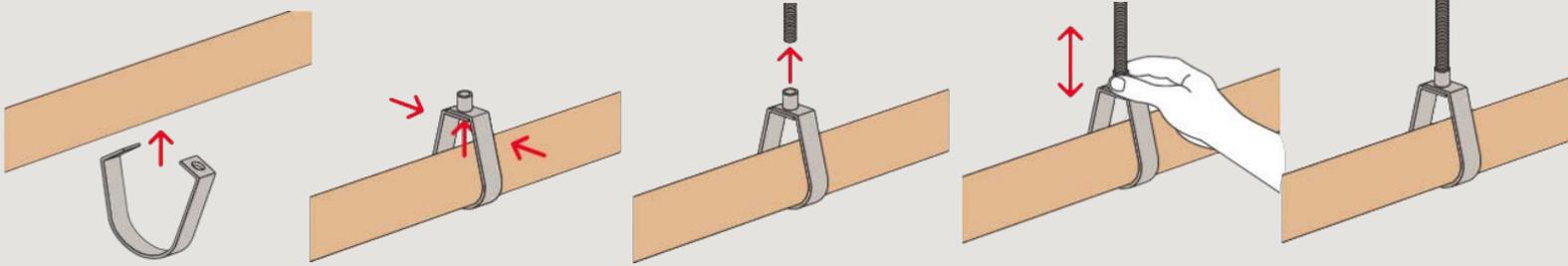


KEY FEATURES

- High-strength steel for secure support
- Corrosion-resistant finish for long-term durability
- Adjustable design for various pipe sizes
- Ideal for fire protection systems

Type	Width x Thick	Art. No.	Qty. per box	Rod Size		Height		Rod Diameter		Max. Rec. Load		Weight per piece
				RS	A	B	[IBS]	[kg]				
	16 x 1.2											
[in]	mm		pcs.	[in]	[mm]	[in]	[mm]	[in]	[mm]	[IBS]	[kg]	[kg]
1/2"	25 x 1.5	SF-0301	-	3/8	M10	2 5/6	72	1	25	300	136	0.041
3/4"	25 x 1.5	SF-0302	200	3/8	M10	3	78	1	25	300	136	0.043
1"	25 x 1.5	SF-0303	125	3/8	M10	3 3/8	86	1	25	300	136	0.046
1-1/4"	25 x 1.5	SF-0304	150	3/8	M10	3 5/7	94	1	25	300	136	0.049
1-1/2"	25 x 1.5	SF-0305	150	3/8	M10	4	99	1	25	300	136	0.051
2"	25 x 1.5	SF-0306	100	3/8	M10	4 2/7	109	1	25	300	136	0.059
2-1/2"	25 x 2.5	SF-0307	80	3/8	M10	5 1/2	141	1 1/4	32	1000	454	0.129
3"	25 x 2.5	SF-0308	60	3/8	M10	6 3/8	162	1 1/4	32	1000	454	0.147
4"	25 x 2.5	SF-0309	50	3/8	M10	7 2/3	195	1 5/16	33	1100	499	0.172
5"	25 x 2.5	SF-0310	30	1/2	M10	9	226	1 5/16	33	1100	499	0.242
6"	25 x 2.5	SF-0311	25	1/2	M10	10 1/2	267	1 9/16	40	1250	567	0.327
8"	40 x 3.0	SF-0312	10	1/2	M10	12 1/2	316	1 5/8	41	1250	567	0.418

Installation SEVER-FIX



Easy to install and adjustable, these clamps are perfect for commercial, industrial, and residential fire protection systems. They ensure that sprinkler pipes remain securely in place, even under high water pressure.

Whether you are installing a new sprinkler system or maintaining an existing one, Sprinkler Clamps from Speedex Technical provide secure, dependable support.



Pipe Clamps & Hangers

Pipe Clamps and Hangers from SFSP used in the support of pipes and equipment are manufactured according to the highest standards of fabrication. A diversified choice of Pipe Hangers, Pipe Clamps, EMT Straps, Omega Clamps, Beam Clamps, J and U-Bolts and Threaded Accessories.

Calculations are provided by our design office in Stuttgart, Germany.

APPLICABLE STANDARDS

- GOST P 57837 Specifications for pipe hangers and support
- ASTM F 708 (standard practice for design and installation of rigid pipe hangers)

GOST 9544 Guidelines for Pipe Support Contractual Relationships

GOST 9540 Guidelines for Terminology for Pipe Hangers and Support

GOST 9542 Bracing for Piping Systems Seismic - Wind - Dynamic Design, Selection, Application

Pipe hangers offered in this section are designed to support pipes allowing for vertical adjustment and limited movement in the piping system.

- Material: Carbon Steels are used in the manufacturing of pipe hangers.
- Load Data: The load data published includes a safety factor of 4.0 unless noted (safety factor = ratio of ultimate load to the design load).

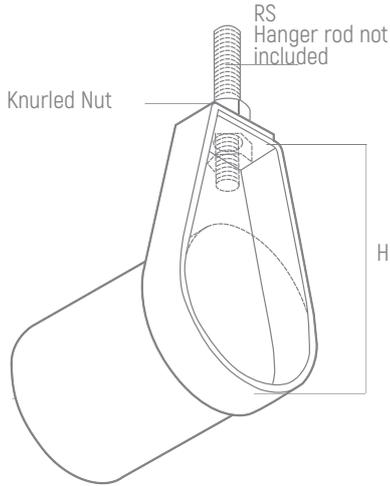




Adjustable Band Hanger

- **Material:** Steel S235 C235 GOST 27772
- **Finish:** Electro Zinc Plated or Hot-dip Galvanized
- **Application:** Designed for suspending non-insulated stationary pipe line. Knurled nut can be supplied in 8 to 10 mm diameter

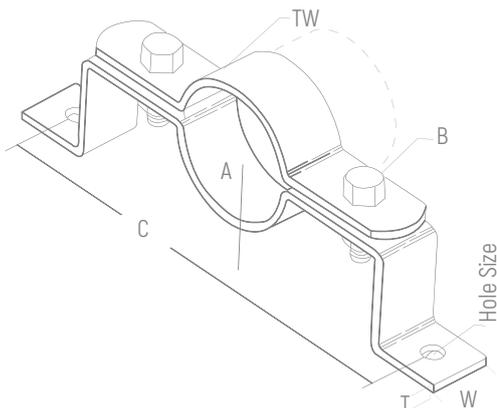
Swivel Hangers with rubber gaskets can be supplied also.



Part No.	Nominal Pipe Size		Rod Size	Height	Thickness & Width	Load Capacity
	In	mm	mm	mm	mm	KN
SF-0810-C-05008	1/2	15	M8	54	1.0x25	0.30
SF-0815-C-07508	3/4	20	M8	64	1.0x25	0.30
SF-0820-C-10008	1	25	M8	72	1.2x25	0.30
SF-0825-C-12508	5/4	32	M8	83	1.2x25	0.30
SF-0830-C-15008	3/2	40	M8	96	1.2x25	0.30
SF-0835-C-20008	2	50	M8	113	1.2x25	0.30
SF-0840-C-25010	5/2	65	M10	130	1.2x25	0.60
SF-0845-C-30010	3	80	M10	156	1.2x25	0.60
SF-0850-C-40010	4	100	M10	215	1.2x25	0.60
SF-0855-C-50010	5	125	M10	242	2.0x25	1.10
SF-0860-C-60010	6	150	M10	279	2.0x25	1.10

Offset Pipe Clamp

- **Material:** Steel S235 C235 GOST 27772
- **Service:** Designed for supporting and stabilizing vertical pipe runs
- **Finish:** Electro Zinc Plated or Hot-dip Galvanized



Part No.	Nominal Pipe Size		A	B	C	Hole Size	Thickness & Width	Load Capacity
	In	mm	mm	mm	mm	mm	mm	KN
SF-0910-C-OFFP050	1/2	15	60	8x40	150	10	3x30	0.90
SF-0915-C-OFFP075	3/4	20	60	8x40	175	10	3x30	0.90
SF-0920-C-OFFP100	1	25	65	8x40	190	10	3x30	0.90
SF-0925-C-OFFP125	5/4	32	75	8x40	200	10	3x30	0.90
SF-0930-C-OFFP200	2	50	80	10x50	225	12	4.5x30	1.20
SF-0935-C-OFFP250	5/2	65	85	10x50	250	12	4.5x30	1.20
SF-0940-C-OFFP300	3	80	95	10x50	275	12	4.5x30	1.20
SF-0945-C-OFFP400	4	100	105	12x50	300	14	5x40	1.80
SF-0950-C-OFFP600	6	150	130	12x50	400	14	5x40	1.80
SF-0955-C-OFFP800	8	200	160	12x50	450	14	5x40	1.80

T-W: Thickness - Width





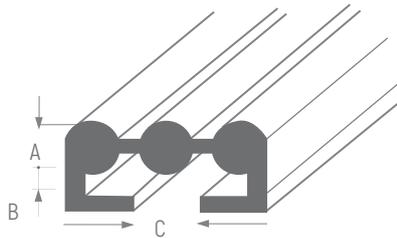
Rubber GOST ISO 4097 (DIN 4109)

Noise Suppression Profile

SR noise-suppression strip for insertion in clamps and hangers

- **Material:** EPDM. Rubber
- **Load Data:** At normal frequency and pressure range, noise suppression 20 dB(A) & the temperature-resistant from -40 °C to + 100 °C
- **Electrical values:** Specific resistance: 2x10⁹ M ohm cm² & the Surface resistance: 2 x10⁹ M ohm

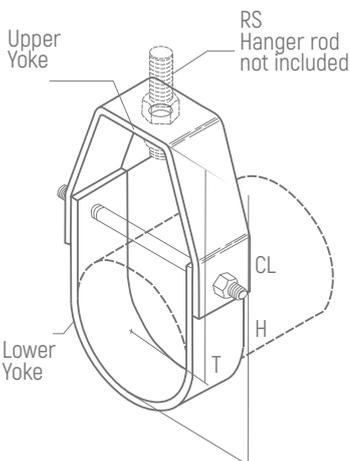
Part No.	Size	Dimension		
	mm	A mm	B mm	C mm
SF-0005-C-RNS	20x6	6	3	20



Clevis Hanger

- **Material:** Steel S235, C235, GOST 27772
- **Finish:** Electro Zinc Plated or Hot-dip Galvanized
- **Application:** Designed for suspending pipes

Part No.	Nominal Pipe Size		Rod Size	Center Line	Height	Transverse	Thickness & Width	Load Capacity
	In	mm	mm	mm	mm	mm	mm	KN
SF-0710-C-CLH050	1/2	15	M10	44	55	6	3x25	2.70
SF-0715-C-CLH075	3/4	20	M10	54	68	6	3x25	2.70
SF-0720-C-CLH100	1	25	M10	58	75	6	3x25	2.70
SF-0725-C-CLH100	5/4	32	M10	80	100	6	3x25	2.70
SF-0730-C-CLH150	3/2	40	M10	81	106	6	3x25	2.70
SF-0735-C-CLH200	2	50	M10	86	117	6	3x25	2.70
SF-0740-C-CLH250	5/2	65	M12	106	144	8	3x30	5.00
SF-0745-C-CLH300	3	80	M12	127	172	8	3x30	5.00
SF-0750-C-CLH400	4	100	M16	141	199	10	4x30	6.30
SF-0755-C-CLH500	5	125	M16	159	229	10	4x30	6.30
SF-0760-C-CLH600	6	150	M20	174	257	12	4x40	8.50



CL: Center Line - H: Height - T: Transverse



**SUPPORT
SYSTEM**

Channel

SFSP's metal framing channel is cold formed on modern rolling machines from low carbon steel manufactured according to FM Approval Standard 1951/1952. A continuous slot provides the ability to make attachments at any point.

Standard Finishes: Pre-Galvanized finish (ASTM A653M coating G90 and G60). Hot Dip Galvanized after fabrication GOST 9.307-89 (ASTM A123 or BS EN ISO1461:2009). Other custom coatings are available upon request.

Lengths

Standard length: 3000mm with ± 3.2mm length tolerance. Custom lengths w available upon request.

Finishes

Metal Framing Channels

Selection Chart

Part No	Channel Dimensions		Thickness
	Height "H"	Width "W"	
SFC - 220/221	21.0 mm	41.0 mm	1.5 mm
SFC - 240/241	41.0 mm	41.0 mm	1.5 mm
SFC - 260/261	25.0 mm	50.0 mm	1.5 mm
SFC - 320/321	21.0 mm	41.0 mm	2.0 mm
SFC - 340/341	41.0 mm	41.0 mm	2.0 mm
SFC - 360/361	25.0 mm	50.0 mm	2.0 mm
SFC - 420/421	21.0 mm	41.0 mm	2.5 mm
SFC - 440/441	41.0 mm	41.0 mm	2.5 mm
SFC - 460/461	25.0 mm	50.0 mm	2.5 mm

For Toothed Channel add "T" after the Part no. ex: **SFC -220T**

SFC 320

3

2

0

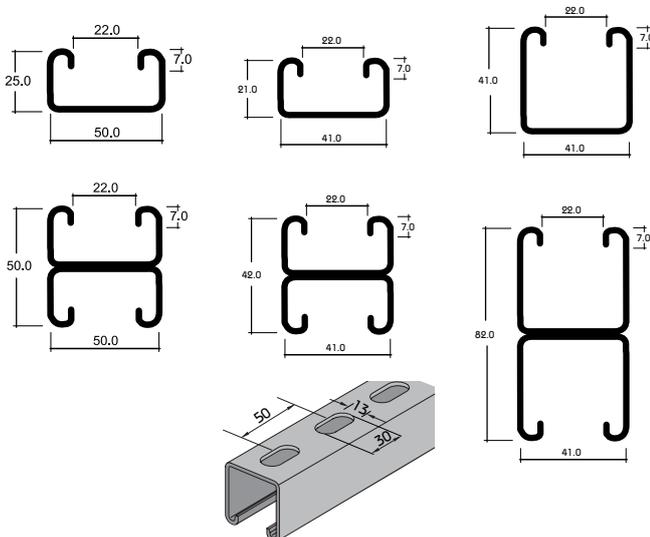
T

Material Thickness
2 for 1.5 mm
3 for 2.0 mm
4 for 2.5 mm

Size
2 - 21/41 mm
4 - 41/41 mm
6 - 25/50 mm

Channel Patterns
0 - PT
1 - ST
2 - B2B

Toothed channel



Channel Hole Patterns

PT Type Channel

Part No	Thick. mm.	Height "H"
SFC-220	1.5	21.0
SFC-240	1.5	41.0
SFC-260	1.5	25.0
SFC-320	2.0	21.0
SFC-340	2.0	41.0
SFC-360	2.0	25.0
SFC-420	2.5	21.0
SFC-440	2.5	41.0
SFC-460	2.5	25.0

PT Plain Type



ST Type Channel

Part No	Thick. mm.	Height "H"
SFC-221	1.5	21.0
SFC-241	1.5	41.0
SFC-261	1.5	25.0
SFC-321	2.0	21.0
SFC-341	2.0	41.0
SFC-361	2.0	25.0
SFC-421	2.5	21.0
SFC-441	2.5	41.0
SFC-461	2.5	25.0

ST Slotted Type



B2B Type Channel

Part No	Thick. mm.	Height "H"
SFC-222	1.5	42.0
SFC-242	1.5	82.0
SFC-262	1.5	50.0
SFC-322	2.0	42.0
SFC-342	2.0	82.0
SFC-362	2.0	50.0
SFC-422	2.5	42.0
SFC-442	2.5	82.0
SFC-462	2.5	50.0

B2B Type



Toothed channel type



For Toothed Channel add "T" after the Part no. ex: **SFC-220T**



THREADED ACCESSORIES

Framing Systems

ASTM F436

Washers (SRW) | GOST 11371-78 | ASTM F436 |

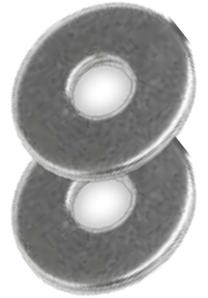
Zinc Plated	Stainless Steel	D	d	S
		(mm)	(mm)	(mm)
M6	M6	12	6.4	1.6
M8	M8	16	8.4	1.6
M10	M10	21	10.5	2
M12	M12	24	13	2.5
M16	M16	30	17	3
M18	M18	34	19	3.2
M20	M20	39	20.5	3.6



Round Washers DIN 440, DIN 9021

Washers (SRW) | GOST 6958-78 | DIN 9021

GOST	Zinc Plated	Stainless Steel	D	d	S
			(mm)	(mm)	(mm)
6958-78	M6		22	6.6	2
6958-78	M8	M8	24	8.4	2
6958-78	M10	M10	30	10.5	2.5
6958-78	M12		45	13.5	4
6958-78	M12	M12	37	13	3
6958-78	M16	M16	50	17	3



Square Washers SSW

Square Washers (SSW)

H.D. Galvanized Bolt	Stainless Steel Bolt	a x b x d	
		(mm)	
M8	M10	40 x 40 x (4-5-6)	SSW 40/40 for all channels 41/21 Series
M10	M12	40 x 40 x (4-5-6)	
M12	M16	40 x 40 x (4-5-6)	SSW 41/41 for all channels 41/41 Series

Fully Threaded Rods Grade 4.6 DIN 975 ASTM A 36, A193

Threaded Rod (STR) - GOST 24705-2004 | ASTM A36 | ANSI/UL 263

Zinc Plated Thread	Length	Load cap.
	(mm)	(kN)
M6	2000/3000	2.2
M8	2000/3000	4.0
M10	2000/3000	6.4
M12	2000/3000	12.9
M16	2000/3000	17.3
M18	2000	22.0
M20	2000	27.0



Round Head Machine Screws

Round Head (SRH) | GOST 17473-80

Zinc Plated Thread	Length	d
	(mm)	(mm)
M6	30-40	6.0
M8	30-40	8.0
M10	20-60	10.0



Coupler Sleeves Rounded

Coupler Sleeves (SCS)

Electro-plated Thread	Stainless Steel Thread	D	L	Load Capacity
		(mm)	(mm)	(kN)
M6	M6	10/10	15	2.2
M8	M8	12/14	20	4.0
M10	M10	13/16	25	6.4
M12	M12	16/20	30	9.3
M16	M16	21/25	40	17.3
M20	M20	26/32	50	27.0



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