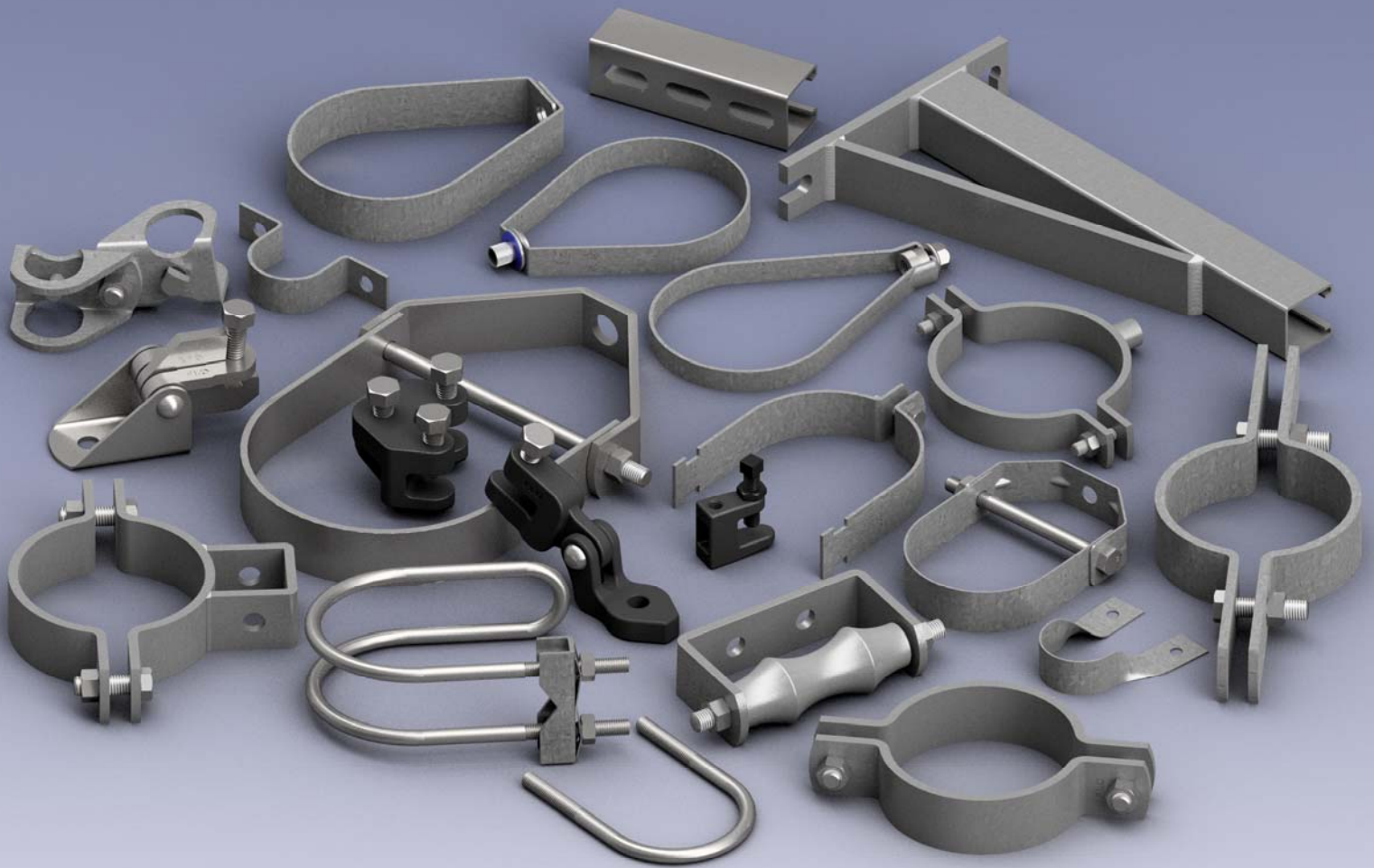


FLOWCOM GROUP

RELIABLE MANUFACTURER FOR YOUR PIPELINE



Your one stop sourcing supplier

PIPE HANGERS



SWIVEL HANGER



SH01 - Swivel Hanger

Size Range: 1/2" through 8"

Material: Carbon steel

Finish: Zinc plated, other finish available upon request

Service:

- Recommend for suspension of non-insulated stationary pipe line
- Manufactured to use the min. rod size permitted by NFPA for fire sprinkler pipe line

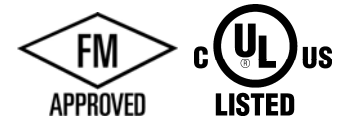
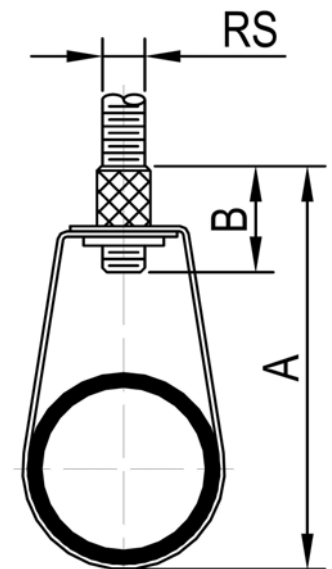
Approvals:

- Complies with Federal Specification A-A-1192A (Type 10) WW-H-171-E (Type 10) and MSS-SP-69 (Type 10).
- FM approved & UL/ULC Listed (Sizes 3/4" through 8")

Ordering: Specify Part Number



Part Number	Nominal Pipe Size		RS		A		B		Wt.		Max. Rec. Load	
	in.	mm	in.	mm	in.	mm	in.	mm	lb	kg	lbs	N
SH01-015	1/2	DN15	3/8	M10	2 ³ / ₄	70	1	25	0.09	0.04	500	2220
SH01-020	3/4	DN20	3/8	M10	3 ¹ / ₁₆	78	1	25	0.09	0.04	500	2220
SH01-025	1	DN25	3/8	M10	3 ⁵ / ₁₆	84	1	25	0.10	0.05	500	2220
SH01-032	1 ¹ / ₄	DN32	3/8	M10	3 ⁹ / ₁₆	90	1	25	0.10	0.05	500	2220
SH01-040	1 ¹ / ₂	DN40	3/8	M10	3 ¹³ / ₁₆	97	1	25	0.11	0.05	500	2220
SH01-050	2	DN50	3/8	M10	4 ¹ / ₄	108	1	25	0.12	0.06	500	2220
SH01-065	2 ¹ / ₂	DN65	3/8	M10	4 ⁷ / ₈	124	1	25	0.27	0.12	1000	4440
SH01-080	3	DN80	3/8	M10	5 ¹¹ / ₁₆	144	1	25	0.32	0.14	1000	4440
SH01-100	4	DN100	3/8	M10	6 ⁷ / ₈	174	1	25	0.38	0.17	1000	4440
SH01-125	5	DN125	1/2	M12	8 ³ / ₁₆	208	1 ¹ / ₄	32	0.56	0.25	1900	8450
SH01-150	6	DN150	1/2	M12	9 ⁵ / ₈	245	1 ¹ / ₄	32	0.67	0.31	1900	8450
SH01-200	8	DN200	1/2	M12	12 ⁵ / ₁₆	313	1 ¹ / ₄	32	0.78	0.35	1900	8450



CH01 - Clevis Hanger

Size Range: 1/2" through 24"

Material: Carbon steel

Finish: Galvanized, other finish available upon request

Service: Recommend for suspension of non-insulated stationary pipe line

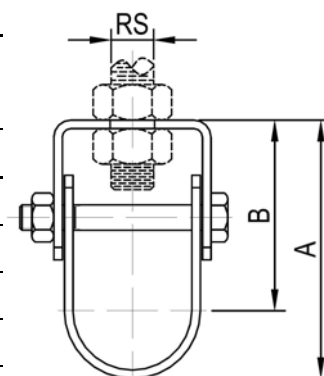
Approvals:

- Complies with Federal Specification A-A-1192A (Type 1), WW-H-171-E (Type 1) and MSS-SP-69 (Type 1).
- FM approved (Sizes 3/4" through 8")
- UL/ULC Listed (Sizes 1/2" through 8")

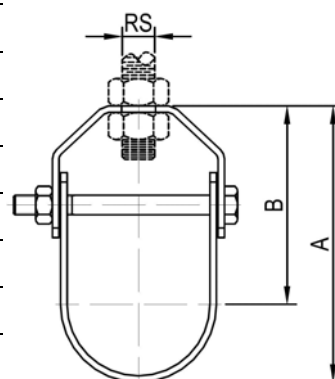
Ordering: Specify Part Number



Part Number	Nominal Pipe Size		RS		A		B		Wt.		Max. Rec. Load	
	in.	mm	in.	mm	in.	mm	in.	mm	lb	kg	lbs	kN
CH01-015	1/2	DN15	3/8	M10	2 1/8	54	1 5/8	41	0.15	0.07	610	2.71
CH01-020	3/4	DN20	3/8	M10	2 3/8	61	1 3/4	45	0.18	0.08	610	2.71
CH01-025	1	DN25	3/8	M10	2 3/4	69	2	50	0.20	0.09	730	3.24
CH01-032	1 1/4	DN32	3/8	M10	3 5/16	84	2 3/8	61	0.24	0.11	730	3.24
CH01-040	1 1/2	DN40	3/8	M10	3 15/16	100	2 7/8	73	0.26	0.12	730	3.24
CH01-050	2	DN50	3/8	M10	4 1/2	114	3 1/4	82	0.31	0.14	730	3.24
CH01-065	2 1/2	DN65	1/2	M12	5 1/4	133	3 5/8	92	0.82	0.37	1350	6.0
CH01-080	3	DN80	1/2	M12	6	152	4 1/8	105	0.93	0.42	1350	6.0
CH01-100	4	DN100	5/8	M16	7 3/4	197	5 3/8	137	1.30	0.59	1430	6.36
CH01-125	5	DN125	5/8	M16	9 3/4	248	6 13/16	173	2.25	1.02	1430	6.36
CH01-150	6	DN150	3/4	M20	11 3/4	298	8 1/4	209	3.26	1.48	1940	8.63
CH01-200	8	DN200	3/4	M20	14 1/16	357	9 1/2	242	4.45	2.02	2000	8.89
CH01-250	10	DN250	7/8	M24	17 1/5	436	11 1/2	291	8.82	4.0	3600	16.0
CH01-300	12	DN300	7/8	M24	20	508	13 1/4	337	11.91	5.4	3800	16.9
CH01-350	14	DN350	7/8	M24	21 15/16	556	14 1/2	368	15.44	7.0	4200	18.6
CH01-400	16	DN400	1 1/8	M30	24 4/5	630	16 3/4	415	23.81	10.8	4600	20.4
CH01-450	18	DN450	1 1/8	M30	27 5/8	701	18	457	26.24	11.9	4800	21.3
CH01-500	20	DN500	1 1/8	M30	30	761	19 2/5	493	32.19	14.6	4800	21.3
CH01-550	22	DN550	1 1/8	M30	33 1/2	850	21 3/5	549	43.88	19.9	4800	21.3
CH01-600	24	DN600	1 1/8	M30	36 11/32	923	23 1/5	589	51.82	23.5	4800	21.3



1/2"~1" DN15~DN25



1 1/4"~24" DN32~DN600



CH02 - Light Duty Clevis Hanger

Size Range: 1/2" through 10"

Material: Carbon steel

Finish: Galvanized, other finish available upon request

Service: Recommend for suspension of non-insulated stationary pipe line

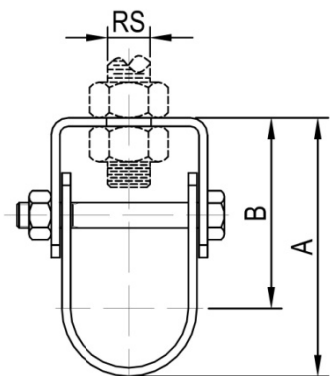
Approvals:

- Complies with Federal Specification, WW-H-171-E (Type 12) and MSS-SP-58 (Type 1).

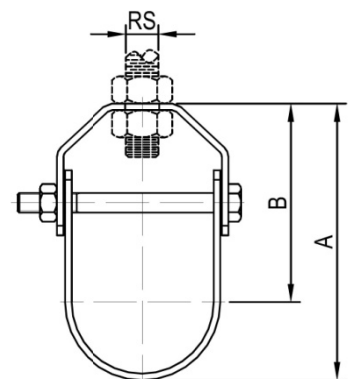
Ordering: Specify Part Number



Part Number	Nominal Pipe Size		RS		A		B		Wt.		Max. Rec. Load	
	in.	mm	in.	mm	in.	mm	in.	mm	lb	kg	lbs	kN
CH02-015	1/2	DN15	3/8	M10	2 ¹ / ₂₀	52	1 ³ / ₅	40	0.097	0.044	150	0.67
CH02-020	3/4	DN20	3/8	M10	2 ¹ / ₂	63	1 ⁹ / ₁₀	48	0.11	0.050	150	0.67
CH02-025	1	DN25	3/8	M10	2 ⁴ / ₅	70	2	51	0.12	0.054	250	1.11
CH02-032	1 ¹ / ₄	DN32	3/8	M10	3 ⁵ / ₁₆	84	2 ³ / ₈	60	0.21	0.097	250	1.11
CH02-040	1 ¹ / ₂	DN40	3/8	M10	3 ¹⁵ / ₁₆	100	2 ⁷ / ₈	73	0.22	0.10	250	1.11
CH02-050	2	DN50	3/8	M10	4 ¹ / ₂	114	3 ¹ / ₄	82	0.26	0.12	250	1.11
CH02-065	2 ¹ / ₂	DN65	1/2	M12	5 ¹ / ₄	133	3 ⁵ / ₈	92	0.42	0.19	350	1.56
CH02-080	3	DN80	1/2	M12	6	150	4	100	0.49	0.22	350	1.56
CH02-100	4	DN100	1/2	M12	7 ⁷ / ₁₀	196	5 ¹ / ₅	132	0.91	0.41	400	1.78
CH02-125	5	DN125	1/2	M12	9 ⁹ / ₅	244	3 ⁴ / ₉	87	1.17	0.53	500	2.22
CH02-150	6	DN150	5/8	M16	11 ³ / ₅	294	4	101	2.07	0.94	700	3.11
CH02-200	8	DN200	5/8	M16	13 ¹⁰ / ₁₁	354	5 ¹ / ₈	130	3.19	1.45	1000	4.45
CH02-250	10	DN250	3/4	M20	17	432	6 ⁹ / ₁₆	167	7.36	3.34	1400	6.22



1/2"~1" DN15~DN25



1 1/4"~10" DN32~DN250

RC01 - Riser Clamps

Size Range: 1/2" through 24"

Material: Carbon steel

Finish: Zinc plated, other finish available upon request

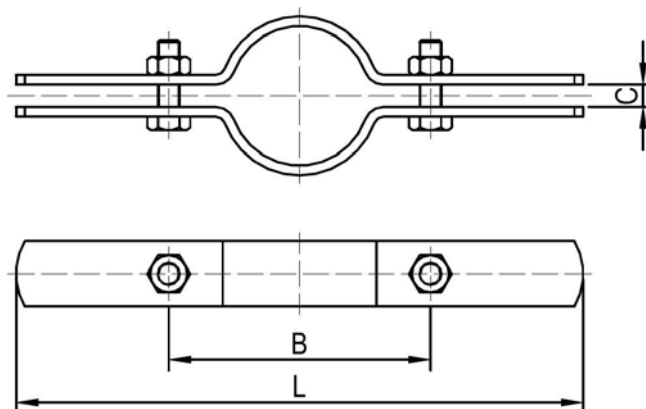
Service:

- Recommend for suspension vertical steel pipe risers

Approvals:

- Complies with Federal Specification A-A-1192A (Type 8)
WW-H-171-E (Type 8) and MSS-SP-69 (Type 8).
- FM & UL/ULC Pending (Sizes 3/4" through 8")

Ordering: Specify Part Number



Part Number	Nominal Pipe Size		L		B		C		WT.		Max. Rec. Load	
	in.	mm	in.	mm	in.	mm	in.	mm	lb	kg	lbs	N
RC01-015	1/2	DN15	8.50	216	2.50	64	3/8	10	1.04	0.47	220	980
RC01-020	3/4	DN20	8.78	223	2.88	73	3/8	10	1.08	0.49	220	980
RC01-025	1	DN25	9.02	229	3.11	79	3/8	10	1.1	0.50	220	980
RC01-032	1 1/4	DN32	9.45	240	3.50	89	3/8	10	1.2	0.53	250	1120
RC01-040	1 1/2	DN40	9.84	250	3.88	98	3/8	10	1.21	0.55	250	1120
RC01-050	2	DN50	10.24	260	4.25	108	3/8	10	1.5	0.68	300	1340
RC01-065	2 1/2	DN65	11.02	280	4.80	122	1/2	13	2.1	0.94	400	1780
RC01-080	3	DN80	11.81	300	5.50	140	1/2	13	2.3	1.1	500	2230
RC01-100	4	DN100	12.99	330	7.00	178	1/2	13	3.4	1.6	750	3340
RC01-125	5	DN125	14.49	368	8.00	203	1/2	13	3.9	1.8	1500	6680
RC01-150	6	DN150	15.98	406	9.00	229	1/2	13	4.3	1.9	1600	7120
RC01-200	8	DN200	18.27	464	12.00	305	5/8	16	10.0	4.5	2500	11200
RC01-250	10	DN250	20.63	524	13.75	349	5/8	16	11.4	5.2	2500	11200
RC01-300	12	DN300	22.44	570	16.00	406	5/8	16	16.5	7.5	2700	12000
RC01-350	14	DN350	24.13	613	17.36	441	3/4	20	17.4	7.9	2700	12000
RC01-400	16	DN400	26.26	667	20.00	508	3/4	20	30.4	13.8	2900	12900
RC01-450	18	DN450	27.95	710	22.00	559	3/4	20	32.8	14.9	2900	12900
RC01-500	20	DN500	30.00	762	24.00	610	3/4	20	44.4	20.2	2900	12900
RC01-600	24	DN600	35.43	900	29.00	737	1	25	52.3	23.8	2900	12900

CL01 - Cup Nut Pipe Loop

Size Range: 1" through 8"

Material: Carbon steel

Finish: Zinc plated, other finish available upon request

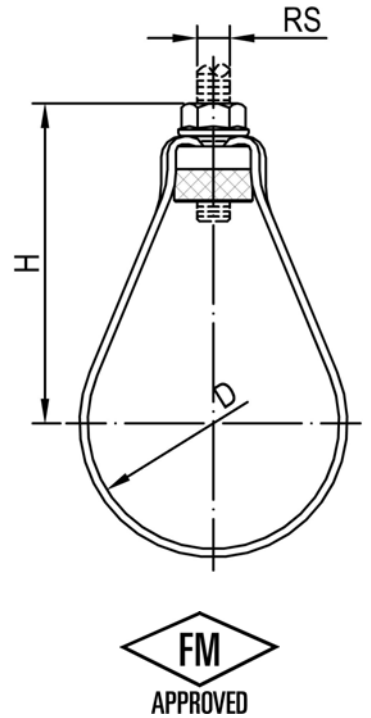
Service: Recommended for automatic sprinkler system

Approvals: FM approved

Configuration: Supplied with Flange nut and cup nut

Ordering: Specify Part Number

Part Number	Nominal Pipe Size		RS	D	H	WT. kg
	in.	mm				
CL01-025-M8	1	DN25	M8	34	65	0.06
CL01-032-M8	1¼	DN32	M8	43	65	0.06
CL01-040-M8	1½	DN40	M8	49	70	0.06
CL01-050-M8	2	DN50	M8	61	79	0.07
CL01-025-M10	1	DN25	M10	34	65	0.06
CL01-032-M10	1¼	DN32	M10	43	65	0.06
CL01-040-M10	1½	DN40	M10	49	70	0.06
CL01-050-M10	2	DN50	M10	61	79	0.07
CL01-065	2½	DN65	M10	77	98	0.15
CL01-080	3	DN80	M10	90	113	0.17
CL01-100	4	DN100	M10	115	142	0.20
CL01-125	5	DN125	M12	142	153	0.23
CL01-150	6	DN150	M12	170	184	0.26
CL01-200	8	DN200	M12	221	236	0.56



PH01 - Pear Hanger

Size Range: DN20 through DN200

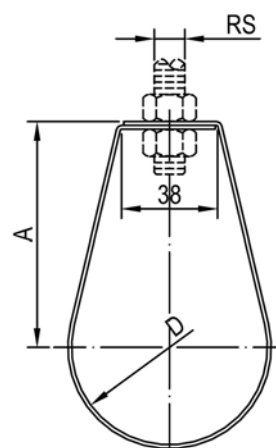
Material: Carbon steel

Finish: Galvanized, other finish available upon request

Ordering: Specify Part Number

Part Number	Nominal Pipe Size	RS	D	A	Max. Rec. Load	WT.
	mm				N	kg
PH01-020	DN20	M10	27	64	220	0.06
PH01-025	DN25	M10	34	67	220	0.07
PH01-032	DN32	M10	43	73	220	0.08
PH01-040	DN40	M10	49	75	220	0.09
PH01-050	DN50	M10	61	81	220	0.09
PH01-065	DN65	M12	77	89	290	0.14
PH01-080	DN80	M12	90	102	290	0.16
PH01-100	DN100	M12	115	114	450	0.29
PH01-150	DN150	M12	166	222	1260	0.71
PH01-200	DN200	M16	221	250	1260	0.89

NOTE: Safety factor: 2.5



SD01 - Light duty Saddle

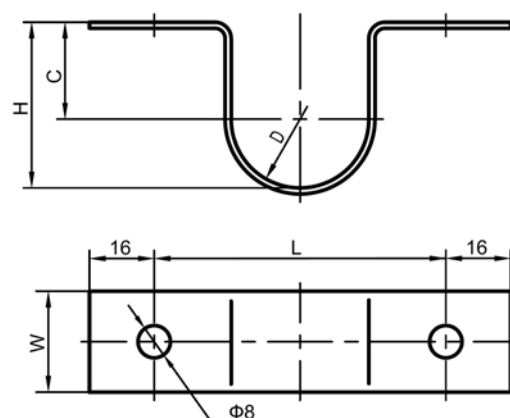
Size Range: DN15 through DN100

Material: Carbon steel

Finish: Galvanized, other finish available upon request

Ordering: Specify Part Number

Part Number	Nominal Pipe Size	D	H	C	L	W	WT.
	mm	mm	mm	mm	mm	mm	g
SD01-015	DN15	23	27.5	16	61	25	39
SD01-020	DN20	28	33	19	66	25	43
SD01-025	DN25	34	41	24	72	25	48
SD01-032	DN32	43	51	29.5	81	25	55
SD01-040	DN40	48	52	28	86	25	58
SD01-050	DN50	60	67	37	98	32	115
SD01-065	DN65	76	83	45	114	32	135
SD01-080	DN80	90	97	52	128	32	157
SD01-100	DN100	115	122	64.5	153	32	236



SD02 - Saddle

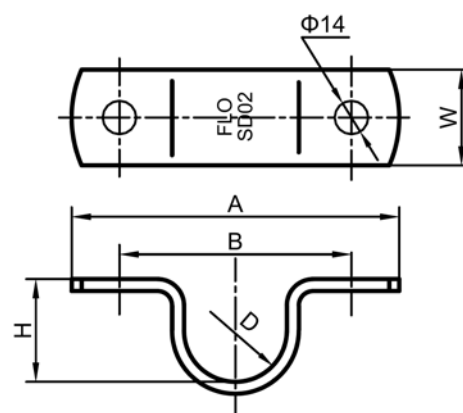
Size Range: DN15 through DN200

Material: Carbon steel

Finish: Galvanized, other finish available upon request

Ordering: Specify Part Number

Part Number	Nominal Pipe Size	D	H	A	B	W	WT.
	mm	mm	mm	mm	mm	mm	kg
SD02-021	DN15	23	21	115	75	40	0.22
SD02-027	DN20	29	26	121	81	40	0.24
SD02-034	DN25	36	33	128	88	40	0.27
SD02-043	DN32	45	42	137	97	40	0.30
SD02-048	DN40	50	48	147	102	40	0.33
SD02-060	DN50	62	60	154	114	40	0.37
SD02-076	DN65	78	76	170	130	40	0.43
SD02-089	DN80	91	89	183	143	40	0.49
SD02-114	DN100	116	114	210	170	40	0.71
SD02-141	DN125	143	141	236	196	40	0.83
SD02-168	DN150	172	168	261	221	40	0.95
SD02-219	DN200	223	219	315	275	40	1.21



TWO PIECE CLAMP



PC01 - Two Piece Clamp

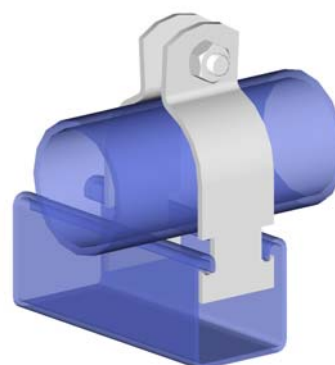
Size Range: DN15 through DN200

Material: Carbon steel

Finish: Galvanized, other finish available upon request

Ordering: Specify Part Number

Part Number	Nominal Pipe Size	W x T	WT.
	mm	mm	kg
PC01-022	DN15	32 x 2.5	0.09
PC01-027	DN20	32 x 2.5	0.10
PC01-034	DN25	32 x 2.5	0.11
PC01-043	DN32	32 x 2.5	0.13
PC01-049	DN40	32 x 2.5	0.14
PC01-060	DN50	32 x 2.5	0.16
PC01-073	DN65	32 x 2.5	0.18
PC01-076	DN65	32 x 2.5	0.18
PC01-089	DN80	32 x 2.5	0.20
PC01-114	DN100	32 x 2.5	0.24
PC01-165	DN150	32 x 2.5	0.31
PC01-219	DN200	32 x 2.5	0.41



CC01 - Rubber Lined Pipe Clamp

Size Range: 1/4" through 6"

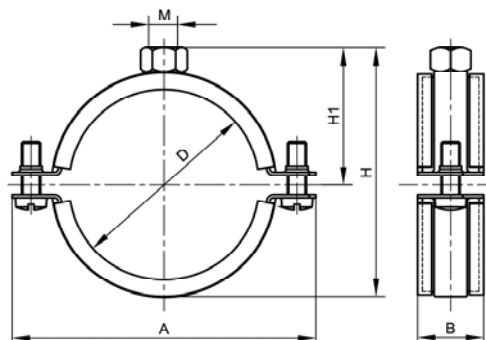
Material: Carbon steel

Finish: Zinc plated, other finish available upon request

Service:

- Suitable for pipe attachments in industrial areas
- Suitable for fastening of drinking water and heating pipes
- For indoor use

Ordering: Specify Part Number



Part Number	Nominal Pipe Size		For pipe outer diameter	M		A		B		H1		H		Max. Rec. Load	
	in.	mm		mm		in.	mm	in.	mm	in.	mm	in.	mm	lbs	N
CC01-008	1/4"	DN8	12-15			1.91	48.5			0.75	19	1.22	31	270	1200
CC01-010	3/8"	DN10	15-20			2.07	52.5			0.83	21	1.38	35		
CC01-015	1/2"	DN15	21-25			2.30	58.5			0.94	24	1.61	41		
CC01-020	3/4"	DN20	25-30			2.46	62.5			1.02	26	1.77	45		
CC01-025	1"	DN25	32-37	M8		2.78	70.5	0.83	21	1.18	30	2.09	53	290	1300
CC01-032	1 1/4"	DN32	40-45			3.09	78.5			1.34	34	2.40	61		
CC01-040	1 1/2"	DN40	46-53			3.41	86.5			1.50	38	2.72	69		
CC01-54/58		54-58mm	54-58			3.64	92.5			1.61	41	2.95	75		
CC01-050	2"	DN50	59-63			3.80	96.5			1.69	43	3.11	79	270	1200
CC01-008A	1/4"	DN8	12-15			1.91	48.5			1.14	29	1.61	41		
CC01-010A	3/8"	DN10	15-20			2.07	52.5			1.22	31	1.77	45		
CC01-015A	1/2"	DN15	21-25			2.30	58.5			1.34	34	2.01	51		
CC01-020A	3/4"	DN20	25-30			2.46	62.5			1.42	36	2.17	55	290	1300
CC01-025A	1"	DN25	32-37			2.78	70.5	0.83	21	1.57	40	2.48	63		
CC01-032A	1 1/4"	DN32	40-45			3.09	78.5			1.73	44	2.80	71		
CC01-040A	1 1/2"	DN40	46-53			3.41	86.5			1.89	48	3.11	79		
CC01-54/58A		54-58mm	54-58			3.64	92.5			2.01	51	3.35	85		
CC01-050A	2"	DN50	59-63			3.80	96.5			2.09	53	3.50	89	425	1900
CC01-70mm		70mm	63-70			4.06	103			2.20	56	3.74	95		
CC01-065	2 1/2"	DN65	72-78	M8/M10		4.37	111			2.36	60	4.06	103		
CC01-83mm		83mm	78-86			4.69	119			2.52	64	4.37	111		
CC01-080	3"	DN80	87-93			4.96	126			2.66	67.5	4.65	118		
CC01-102mm		102mm	98-104			5.39	137			2.87	73	5.08	129	515	2300
CC01-100	4"	DN100	108-115			5.98	152	0.91	23	3.11	79	5.55	141		
CC01-116mm		116mm	114-118			6.14	156			3.19	81	5.71	145		
CC01-119/123		119-123mm	119-123			6.38	162			3.31	84	5.94	151		
CC01-125mm		125mm	124-130			6.93	176			3.43	87	6.18	157	605	2700
CC01-133mm		133mm	132-137			7.24	184			3.58	91	6.50	165		
CC01-125	5"	DN125	137-142			7.68	195			3.78	96	6.89	175		
CC01-160mm		160mm	159-163			8.54	217	1.10	28	4.21	107	7.76	197		
CC01-150	6"	DN150	164-168			8.82	224			4.33	110	7.95	202		

TC01 - Twist Clip

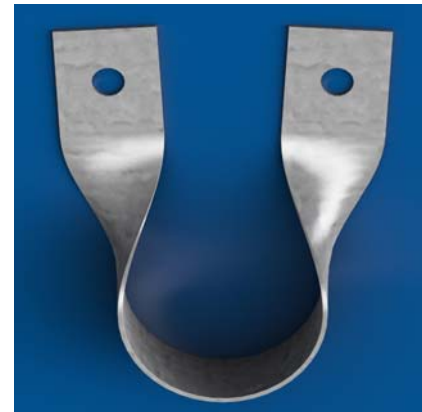
Size Range: DN25 through DN65

Material: Carbon steel

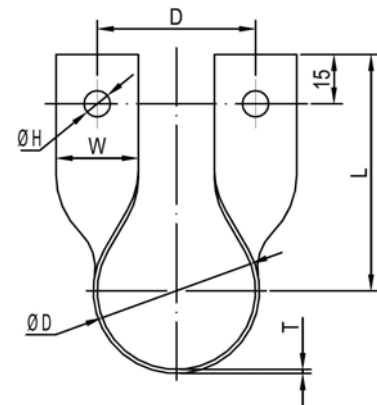
Finish: Galvanized, other finish available upon request

Service: The clip detail is for pipework to be erected hard under rafters or floor joists.

Ordering: Specify Part Number



Part Number	Nominal Pipe Size	ΦD	L	ΦH	W x T	WT.
	mm	mm	mm	mm	mm	g
TC01-025	DN25	34	68	8.0	25 x 1.2	45
TC01-032	DN32	43	70	8.0	25 x 1.2	50
TC01-040	DN40	48	72	8.0	25 x 1.2	53
TC01-050	DN50	60	85	11.0	25 x 1.2	79
TC01-065	DN65	76	86	11.0	25 x 1.5	87



BEAM CLAMP



BC01 - Beam Clamp

Size Range: 3/8" and 1/2" or M10 and M12

Material: Ductile iron, hardened steel cup point set screw and locknut

Finish: Black or Galvanized

Service: Structural attachment to top or bottom of metal beams, purlins, channel, or angel iron

Approvals:

- Complies with Federal Specification A-A-1192A (Type 19 & 23) WW-H-171-E (Type 23) and MSS-SP-69 (Type 19 & 23).
- FM approved & UL/ULC Listed

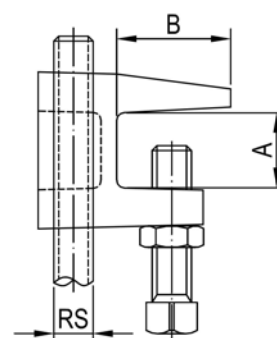
Ordering: Specify Part Number & Finish

Part Number	RS	A	B	Wt.	Set Screw	Max. Rec. Load (lbs)	
	In.	In.	In.	lb	In.	TOP	BOTTOM
BC01-3/8	3/8	3/4	1 1/8	0.31	3/8	500	250
BC01-1/2	1/2	3/4	1 1/4	0.53	1/2	950	760

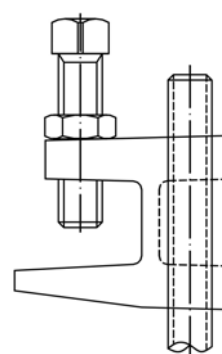
NOTE: Set screw must be tightened and torqued onto the sloped side of the I-beam.

Part Number	RS	A	B	Wt.	Set Screw	Max. Rec. Load (N)	
	mm	mm	mm	kg	mm	TOP	BOTTOM
BC01-M10	M10	19	29	0.14	M10	2220	1110
BC01-M12	M12	19	31	0.24	M12	4220	3380

NOTE: Set screw must be tightened and torqued onto the sloped side of the I-beam.



TOP



BOTTOM



CPH01 -- One-Hole Wrap Around Strap

Size Range: 3/4" through 2"

Material: Carbon steel

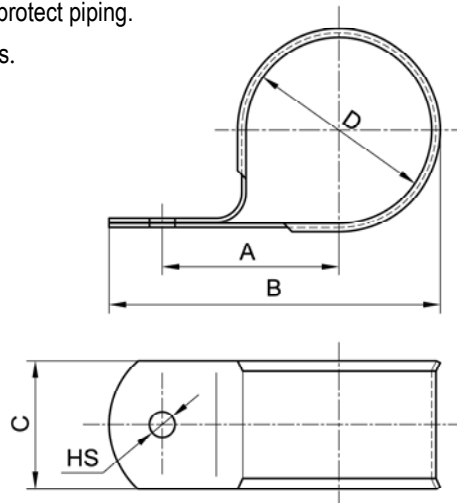
Finish: Pre-galvanized

Service: Rated for use with CPVC fire sprinkler pipe.

- Must be installed with the mounting tab oriented over top of piping on the side of a beam.
- Can only be used as a guide on top of beam or on vertical piping.
- Includes flared edges to protect piping.
- Includes mounting screws.

Approvals: UL/ULC Listed

Ordering: Specify Part Number



Part Number	Nominal Pipe Size		D		A		B		C		HS		Max. Spacing	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	ft.	m
CPH01-027	3/4	DN20	1.050	26.7	1.26	32.0	2.36	60	1.18	30	0.228	5.8	5.5	1.68
CPH01-033	1	DN25	1.315	33.4	1.44	36.5	2.68	68	1.18	30	0.228	5.8	6	1.83
CPH01-042	1 1/4	DN32	1.660	42.2	1.63	41.5	3.07	78	1.18	30	0.228	5.8	6.5	1.98
CPH01-048	1 1/2	DN40	1.900	48.3	1.75	44.5	3.30	84	1.18	30	0.228	5.8	7	2.13
CPH01-060	2	DN50	2.375	60.3	1.99	50.5	3.80	97	1.18	30	0.228	5.8	8	2.44

CPH02 -- Two-Hole Pipe Strap

Size Range: 3/4" through 2"

Material: Carbon steel

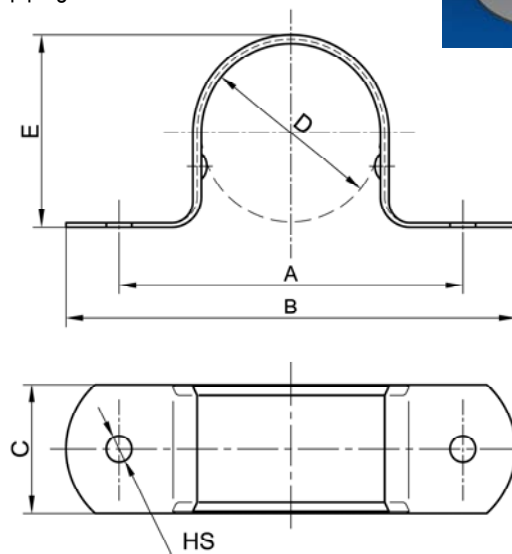
Finish: Pre-galvanized

Service: Rated for use with CPVC fire sprinkler pipe.

- a) Can only be used as a guide on top of beam or on vertical piping.
- b) also acts as a restrainer to prevent the thrust of a sprinkler head during activation when mounted on top of structure.
- c) Includes flared edges to protect piping.
- d) Includes mounting screws.

Approvals: UL/ULC Listed

Ordering: Specify Part Number



Part Number	Nominal Pipe Size		D		A		B		C		E		HS		Max. Spacing	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	ft.	m
CPH02-027	3/4	DN20	1.050	26.7	2.24	57	3.22	82	1.18	30	1.18	30	0.228	5.8	5.5	1.68
CPH02-033	1	DN25	1.315	33.4	2.56	65	3.54	90	1.18	30	1.44	36.5	0.228	5.8	6	1.83
CPH02-042	1 1/4	DN32	1.660	42.2	3.15	80	4.13	105	1.18	30	1.79	45.5	0.228	5.8	6.5	1.98
CPH02-048	1 1/2	DN40	1.900	48.3	3.43	87	4.41	112	1.18	30	2.03	51.5	0.228	5.8	7	2.13
CPH02-060	2	DN50	2.375	60.3	3.94	100	4.92	125	1.18	30	2.50	63.5	0.228	5.8	8	2.44

CPH03 -- Two-Hole Side Mount Strap

Size Range: 3/4" through 2"

Material: Carbon steel

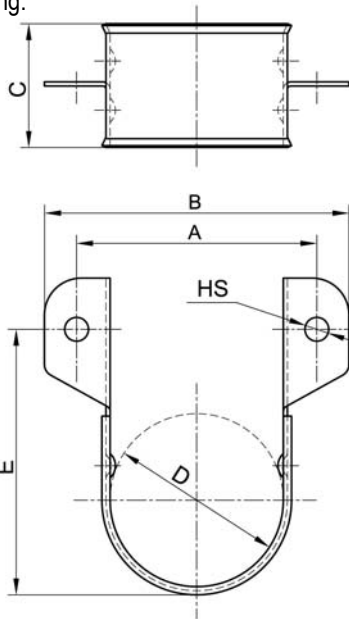
Finish: Pre-galvanized

Service: Rated for use with CPVC fire sprinkler pipe horizontally from the side or bottom of beam.

- a) Can only be used as a guide on top of beam or on vertical piping.
- b) also acts as a restrainer to prevent the thrust of a sprinkler head during activation when mounted on top of structure.
- c) Includes flared edges to protect piping.
- d) Includes mounting screws.

Approvals: UL/ULC Listed

Ordering: Specify Part Number



Part Number	Nominal Pipe Size		D		A		B		C		E		HS		Max. Spacing	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	ft.	m
CPH03-027	3/4	DN20	1.050	26.7	1.69	43	2.30	58.5	1.18	30	1.93	49	0.228	5.8	5.5	1.68
CPH03-033	1	DN25	1.315	33.4	1.95	49.5	2.56	65	1.18	30	2.22	56.5	0.228	5.8	6	1.83
CPH03-042	1 1/4	DN32	1.660	42.2	2.30	58.5	2.91	74	1.18	30	2.56	65	0.228	5.8	6.5	1.98
CPH03-048	1 1/2	DN40	1.900	48.3	2.54	64.5	3.15	80	1.18	30	2.80	71	0.228	5.8	7	2.13
CPH03-060	2	DN50	2.375	60.3	3.01	76.5	3.62	92	1.18	30	3.29	83.5	0.228	5.8	8	2.44

CPH04 -- Two-Hole Stand Offset Strap

Size Range: 3/4" through 2"

Material: Carbon steel

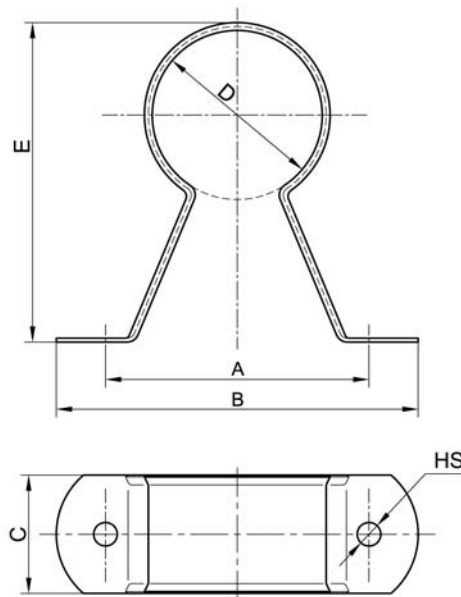
Finish: Pre-galvanized

Service: Rated for use with CPVC fire sprinkler pipe horizontally from the side or bottom of beam, or composite wood joists with a minimum of 3/8" web thickness.

- a) Can only be used as a guide on top of beam or on vertical piping.
- b) May be installed onto wood using supplied fasteners or into, minimum 18 gauge.
- c) Includes flared edges to protect piping.
- d) Includes mounting screws.

Approvals: UL/ULC Listed

Ordering: Specify Part Number



Part Number	Nominal Pipe Size		D		A		B		C		E		HS		Max. Spacing	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	ft.	m
CPH04-027	3/4	DN20	1.050	26.7	2.64	67	3.62	92	1.18	30	2.64	67	0.228	5.8	5.5	1.68
CPH04-033	1	DN25	1.315	33.4	2.64	67	3.62	92	1.18	30	2.91	74	0.228	5.8	6	1.83
CPH04-042	1 1/4	DN32	1.660	42.2	2.64	67	3.62	92	1.18	30	3.23	82	0.228	5.8	6.5	1.98
CPH04-048	1 1/2	DN40	1.900	48.3	2.64	67	3.62	92	1.18	30	3.46	88	0.228	5.8	7	2.13
CPH04-060	2	DN50	2.375	60.3	3.15	80	4.13	105	1.18	30	3.98	101	0.228	5.8	8	2.44

SSB0101C Structural Attachment

Function – Multi-functional attachment to building structure or braced pipe clamps.

Size – One size fits braced pipe up to 8", with 1/2" bolt hole for structure.

Finish – Zinc plated & plain. Other finishes upon request

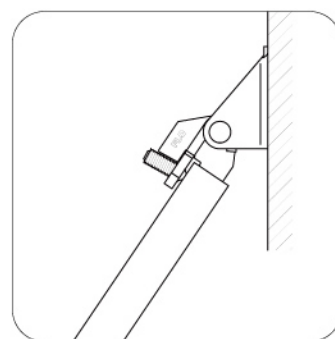
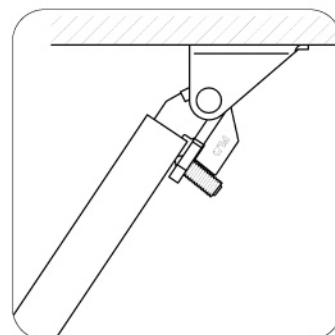
Material – Carbon Steel and ductile iron

Installation – SSB0101C is the structural or transitional attachment component of a longitudinal or lateral sway bracing assembly. To install, insert the bracing pipe, or channel or angle bar into the clamp, and tighten the set bolt until set bolt head breaks off.

Qualification – Comply with NFPA 13 and UL listed .

Max Load (Lateral and Longitudinal) -2015 lbs.

SSB0101C



UL Maximum Design Loads
Lateral & Longitudinal Assemblies

Brace Member	Member Thickness	Member Length	lbs.	KN
1"pipe	SCH40	Refer to NFPA 13	2015	9

Dimensions

	A	B	C
SSB0101C	127	51	14

SSB0101S Structural Attachment

Function – Multi-functional attachment to building structure or braced pipe clamps.

Size – One size fits braced pipe up to 8", with 1/2" bolt hole for structure.

Finish – Zinc plated. Other finishes upon request

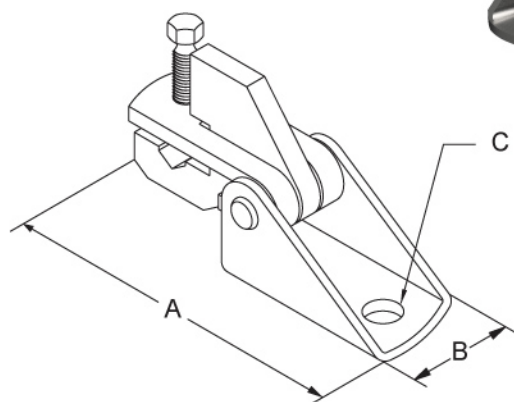
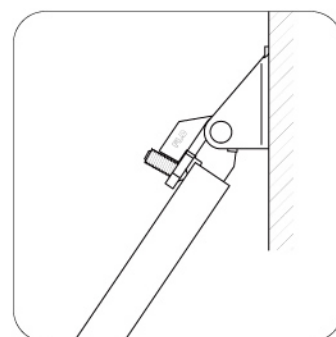
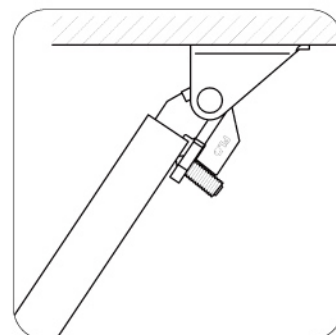
Material – Carbon Steel

Installation – SSB0101S is the structural or transitional attachment component of a longitudinal or lateral sway bracing assembly. To install, insert the bracing pipe, or channel or angle bar into the clamp, and tighten the set bolt until set bolt head breaks off.

Qualification – Comply with NFPA 13 and UL listed.

Max Load (Lateral and Longitudinal) – 2015 lbs.

SSB0101S



UL Maximum Design Loads
Lateral & Longitudinal Assemblies

Brace Member	Member Thickness	Member Length	lbs.	KN
1" pipe	SCH40	Refer to NFPA 13	2015	9

Dimensions

	A	B	C
SSB0101S	133	48	14

SSB0102 Beam Attachment

Function – Attach a sway bracing assembly to a steel bar joist or structural member up to 3/4”.

Size – One size fits braced pipe up to 8”. Attaches to structural members up to 3/4” thick.

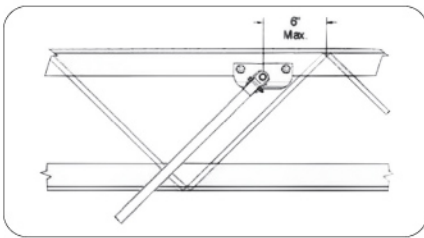
Finish – Zinc plated plain, Other finishes upon request

Material – Ductile iron

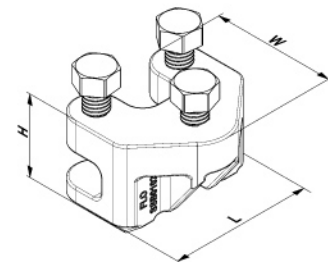
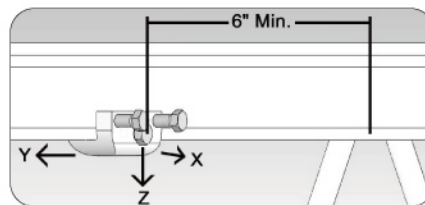
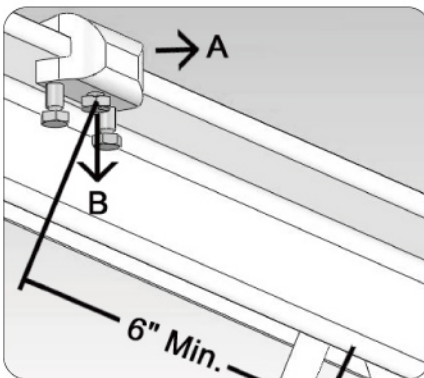
Installation – It needs to be installed within 6” of chord panel point. Place on structural member with the flange contacting the back of the jaw. Tighten set screws finger tight, then evenly tighten until hex heads break off. Attach sway bracing attachment SSB0101 to SSB0102.

Qualification – Comply with NFPA 13 and GB - 50981 UL listed up to 8”.

Max Load (Lateral and Longitudinal) – 2015 lbs.



SSB0102



UL Maximum Design Loads
Lateral & Longitudinal Assemblies

Brace Member	Member Thickness	Member Length	lbs.	KN
1"pipe	SCH40	Refer to NFPA 13	2015	9

Dimensions

	L	W	Height
SSB0102	67	77	53

SSB0103 Structural Fitting

Function – Provides multiple fastener attachment points, for a better structural connection.

Size – 1/2" mounting holes, or customized upon request. Max load up to 8" pipe.

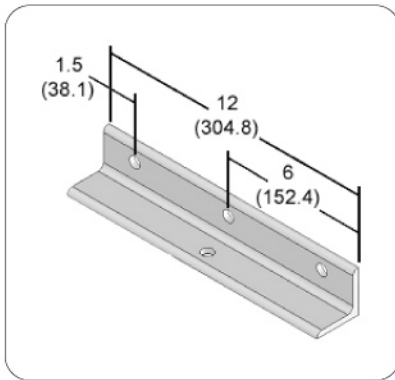
Finish – Zinc plated

Material – Carbon steel

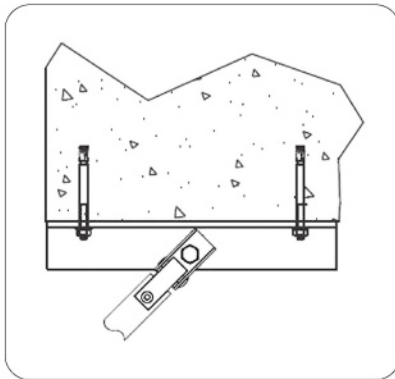
Installation – See illustration picture in this page.

Qualification – Comply with NFPA 13 and GB - 50981.

Max Load (Lateral and Longitudinal) – 2015 lbs.



SSB0103



SSB0301 Bracing clamp

Function – Braces pipe against sway or seismic disturbance. Versatile design provides ability to function in lateral or longitudinal direction at any angle.

Size – Braces pipe from 1-1/2" to 10". Attaches to structural members up to 3/4" thick.

Finish – Zinc plated. Other finishes upon request

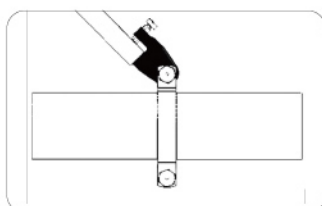
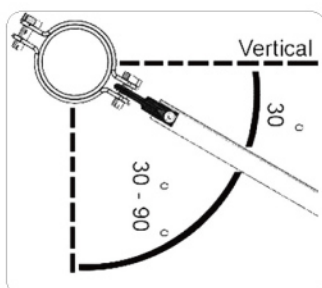
Material – Carbon steel

Installation – Place SSB0301 around pipe to be braced, and position attachment as needed. Tighten clamping bolts. Insert bracing pipe into the attachment jaw and tighten set screw till hex head breaks off.

Qualification – Comply with NFPA 13 and UL listed from 2" ~ 8" .

Max Load (Lateral and Longitudinal) – See table

SSB0301



Pipe Size	D	A	B	UL Maximum Design Load	
in	mm	mm	mm	Brace Member	Maximum Design Sway Brace Load lbs. (kN)
2	61	110	146	1" SCH 40 Pipe	1000 (4.45)
2 1/2	76	122	158	1" SCH 40 Pipe	1000 (4.45)
3	90	140	176	1" SCH 40 Pipe	1000 (4.45)
4	115	165	201	1" SCH 40 Pipe	1000 (4.45)
5	141	195	231	1" SCH 40 Pipe	1600 (7.15)
6	168	220	256	1" SCH 40 Pipe	1600 (7.15)
8	220	290	334	1" SCH 40 Pipe	2015 (9)

SSB0301C Bracing clamp

Function – Braces pipe against sway or seismic disturbance. Versatile design provides ability to function in lateral or longitudinal direction at any angle.

Size – Braces pipe from 1-1/2" to 10". Attaches to structural members up to 3/4" thick.

Finish – Zinc plated. Other finishes upon request

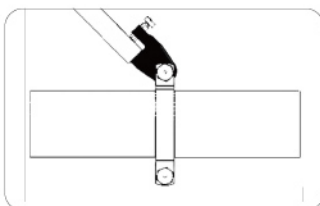
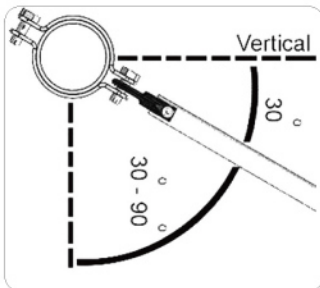
Material – Carbon steel & ductile iron

Installation – Place SSB0301C around pipe to be braced, and position attachment as needed. Tighten clamping bolts. Insert bracing pipe into the attachment jaw and tighten set screw till hex head breaks off.

Qualification – Comply with NFPA 13 and GB-50981.

Max Load (Lateral and Longitudinal) – See table

SSB0301C



Pipe Size	D	A	B	UL Maximum Design Load	
in	mm	mm	mm	Brace Member	Maximum Design Sway Brace Load lbs. (kN)
2	61	110	146	1" SCH 40 Pipe	1000 (4.45)
2 1/2	76	122	158	1" SCH 40 Pipe	1000 (4.45)
3	90	140	176	1" SCH 40 Pipe	1000 (4.45)
4	115	165	201	1" SCH 40 Pipe	1000 (4.45)
5	141	195	231	1" SCH 40 Pipe	1600 (7.15)
6	168	220	256	1" SCH 40 Pipe	1600 (7.15)
8	220	290	334	1" SCH 40 Pipe	2015 (9)

SSB0302 Yoke bracing Clamp

Function – Braces pipe against sway or seismic disturbance. Versatile design provides ability to function in lateral or longitudinal direction at any angle.

Size – Braces pipe from 2" to 8". Attaches to structural members up to 3/4" thick.

Finish – Zinc plated

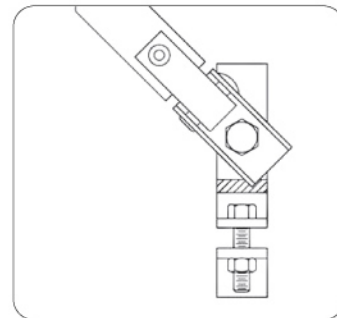
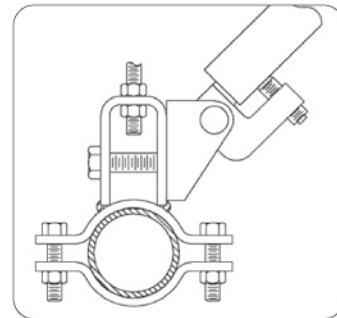
Material – Carbon steel

Installation – Place SSB0302 around pipe to be braced, and position attachment as needed. Tighten clamping bolts. Insert bracing pipe into the attachment jaw and tighten set screw till hex head breaks off.

Qualification – Comply with NFPA 13 and GB - 50981.

Max Load (Lateral and Longitudinal) – See table.

SSB0302



Pipe Size	D	A	B	Maximum Design Load	
in	mm	mm	mm	Brace Member	Maximum Design Sway Brace Load lbs. (kN)
2	60	154	146	1" SCH 40 Pipe	1000 (4.45)
2 1/2	76	170	158	1" SCH 40 Pipe	1000 (4.45)
3	89	183	176	1" SCH 40 Pipe	1000 (4.45)
4	114	210	201	1" SCH 40 Pipe	1000 (4.45)
5	140	236	231	1" SCH 40 Pipe	1600 (7.15)
6	168	265	256	1" SCH 40 Pipe	1600 (7.15)
8	219	315	334	1" SCH 40 Pipe	2015 (9)

SSB0303 Quick bracing clamp

Function – Braces pipe against sway or seismic disturbance. Provides an easy lateral connection joining bracing pipe member together as a complete assembly.

Size – Braces pipe from 1" to 6". Uses bracing pipe 1" Sch 40.

Finish – Zinc plated. Other finishes upon request

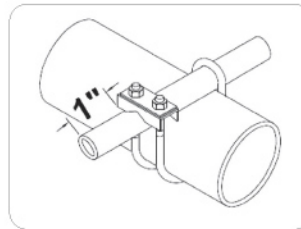
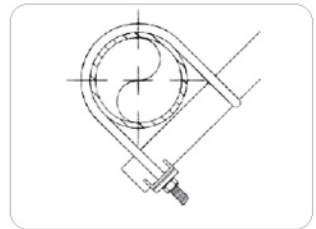
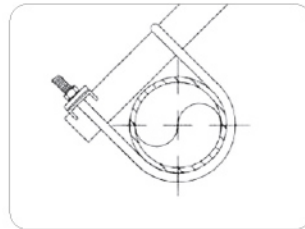
Material – Carbon steel

Installation – Place over the pipe to be braced, and insert bracing pipe member through opening leaving a minimum 1" extending from attachment. Must leave a minimum of 6" away from a pipe joint.

Qualification – Comply with NFPA 13 and UL listed from 1" ~ 6" .

Max Load (Lateral and Longitudinal) – See table

SSB0303



Pipe Size in	R mm	L mm	UL Maximum Design Load	
			Brace Member	Maximum Design Sway Brace Load lbs. (kN)
1	17.5	52	1" SCH 40 Pipe	1000 (4.45)
1 1/4	22	60	1" SCH 40 Pipe	1000 (4.45)
1 1/2	25	66	1" SCH 40 Pipe	1000 (4.45)
2	31	79	1" SCH 40 Pipe	1000 (4.45)
2 1/2	39	95	1" SCH 40 Pipe	1000 (4.45)
3	46	107	1" SCH 40 Pipe	1000 (4.45)
4	59	132	1" SCH 40 Pipe	1000 (4.45)
5	71	158	1" SCH 40 Pipe	1600 (7.15)
6	85	187	1" SCH 40 Pipe	1600 (7.15)
8*	111	239	1" SCH 40 Pipe	2015 (9)

* Not UL Listed

SSB0401 4-Way Adaptor

Function – Provides longitudinal connection from a lateral one.

Size – 1" SCH40 bracing pipe to load up to maximum 8" pipe.

Finish – Zinc plated or plain

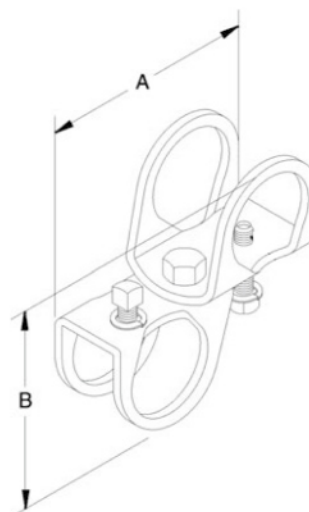
Material – Carbon steel

Installation – See illustration picture below , with min 1" extended at the end.

Qualification – Comply with NFPA 13 and GB - 50981.

Max Load (Lateral and Longitudinal) – 1000 lbs.

SSB0401



Pipe Size	Dimensions		Maximum Design Load
	A	B	
in	mm	mm	lbs (kN)
1 X 1	121	95	1000 (4.45)

PR01 - Roller Hanger

Size Range: 2" through 24"

Material: Carbon steel & Cast iron

Finish: Hot-dip galvanizing, other finish available upon request

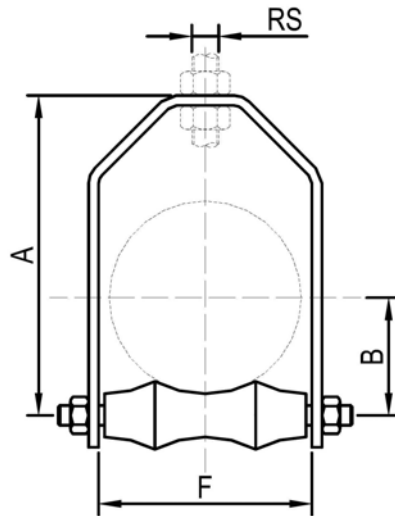
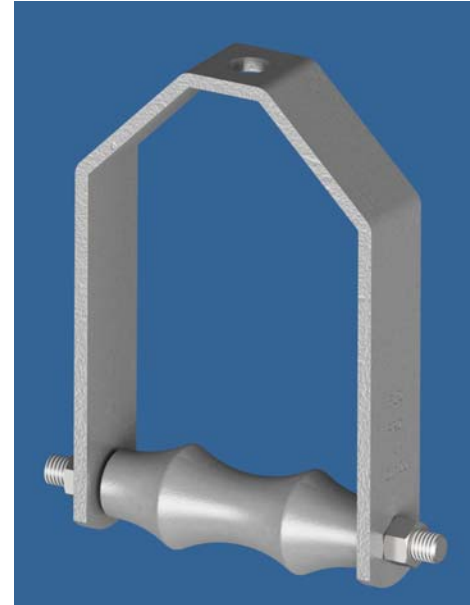
Service:

- For suspension of pipe from a single rod where horizontal Movement may occur because of expansion or contraction

Approvals:

- Complies with Federal Specification A-A-1192A (Type 43)
WW-H-171-E (Type 44) and MSS-SP-58 (Type 43).

Ordering: Specify Part Number



Part Number (HDG)	Nominal Pipe Size		RS		A		B		F		WT.		Max. Rec. Load	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lb	kg	lbs	kN
PR01H-050	2	DN50	3/8	M10	4.38	111	1.63	41	2.75	70	1.1	0.48	150	0.67
PR01H-065	2½	DN65	1/2	M12	5.00	127	2.00	51	3.25	83	1.3	0.59	225	1.00
PR01H-080	3	DN80	1/2	M12	6.38	162	2.25	57	3.88	99	1.6	0.71	310	1.38
PR01H-100	4	DN100	5/8	M16	7.50	190	2.75	70	4.94	125	2.8	1.28	475	2.11
PR01H-125	5	DN125	5/8	M16	8.63	219	3.50	89	6.00	152	4.4	2.01	685	3.05
PR01H-150	6	DN150	3/4	M20	10.25	260	4.00	102	7.13	181	6.0	2.71	780	3.47
PR01H-200	8	DN200	7/8	M22	12.75	324	5.13	130	9.05	230	11.4	5.18	780	3.47
PR01H-250	10	DN250	7/8	M22	15.00	381	6.38	162	11.25	286	17.4	7.88	965	4.30
PR01H-300	12	DN300	7/8	M22	17.50	445	7.50	191	13.25	337	24.6	11.2	1200	5.34
PR01H-350	14	DN350	1	M24	19.00	480	8.38	213	14.50	368	36	16.4	1200	5.34
PR01H-400	16	DN400	1	M24	20.75	527	9.50	241	16.50	419	44	20.0	1200	5.34
PR01H-450	18	DN450	1	M24	23.75	603	10.50	267	18.50	470	54	24.5	1400	6.23
PR01H-500	20	DN500	1¼	M30	26.00	660	11.63	295	20.50	521	74	33.6	1600	7.12
PR01H-550	22	DN550	1½	M39	30.31	770	12.60	320	22.44	570			1600	7.12
PR01H-600	24	DN600	1½	M39	32.50	827	13.81	351	24.63	626	126	57.2	1600	7.12

PR02 - Roller Chair

Size Range: 2" through 36"

Material: Cast iron & Carbon steel

Finish: Hot-dip galvanizing, other finish available upon request

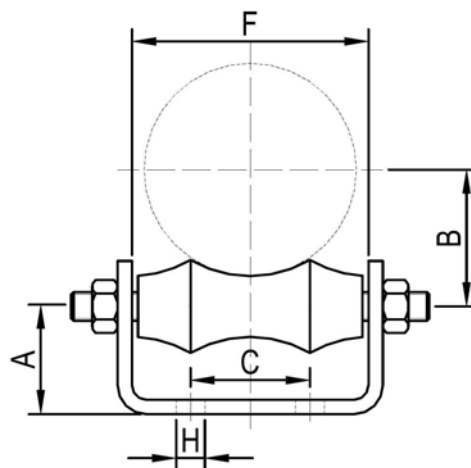
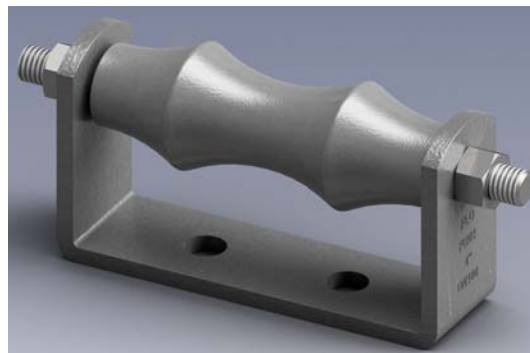
Service:

- For support of pipe where longitudinal movement due to expansion and contraction may occur, but where no vertical adjustment is required.

Approvals:

- Complies with Federal Specification A-A-1192A (Type 44)
WW-H-171-E (Type 45) and MSS-SP-69 (Type 44).

Ordering: Specify Part Number



Part Number (HDG)	Nominal Pipe Size		H		A		B		C		F		Wt.		Max. Rec. Load	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lb	kg	lbs	kN
PR02H-050	2	DN50	0.47	12	1.57	40	1.63	41	1.18	30	2.75	70	1.0	0.45	600	2.67
PR02H-065	2½	DN65	0.47	12	1.57	40	2.00	51	1.18	30	3.25	83	1.3	0.60	600	2.67
PR02H-080	3	DN80	0.47	12	1.77	45	2.25	57	1.97	50	3.88	99	1.5	0.68	600	2.67
PR02H-100	4	DN100	0.55	14	2.56	65	2.75	70	1.97	50	4.94	125	2.6	1.18	700	3.12
PR02H-125	5	DN125	0.55	14	2.56	65	3.50	89	2.76	70	6.00	152	3.4	1.54	700	3.12
PR02H-150	6	DN150	0.55	14	2.75	70	4.00	102	3.15	80	7.13	181	5.5	2.50	1000	4.45
PR02H-200	8	DN200	0.71	18	2.95	75	5.13	130	3.15	80	9.05	230	8.4	3.81	1300	5.78
PR02H-250	10	DN250	0.71	18	3.54	90	6.38	162	5.12	130	11.25	286	13	5.90	1700	7.56
PR02H-300	12	DN300	0.71	18	3.94	100	7.50	191	5.51	140	13.25	337	18	8.17	2300	10.20
PR02H-350	14	DN350	0.71	18	4.53	115	8.38	213	6.29	160	14.50	368	27	12.3	3100	13.80
PR02H-400	16	DN400	0.71	18	5.12	130	9.50	241	7.87	200	16.50	419	33	15.0	3900	17.30
PR02H-450	18	DN450	0.71	18	5.51	140	10.50	267	9.45	240	18.50	470	42	19.0	4200	18.70
PR02H-500	20	DN500	0.78	20	5.51	140	11.63	295	9.84	250	20.50	521	54	24.5	4500	20.00
PR02H-550	22	DN550	0.78	20	6.69	170	13.58	345	11.8	300	22.44	570	70	31.7	5000	22.20
PR02H-600	24	DN600	0.78	20	6.69	170	13.81	351	11.8	300	24.63	626	85	38.6	6000	26.70
PR02H-750	30	DN750	1.02	26	7.48	190	17.24	438	14.96	380	31.3	795				
PR02H-900	36	DN900	1.50	38	9.25	235	20.59	523	18.11	460	37.4	950				

PR03 - Roller Support

Size Range: 2" through 36"

Material: Cast iron & Carbon steel

Finish: Hot-dip galvanizing, other finish available upon request

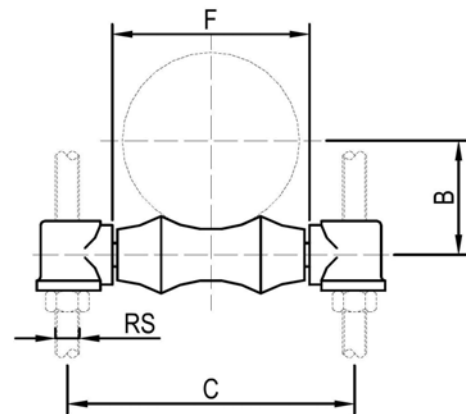
Service:

- For suspension of pipe from two rods where longitudinal expansion and contraction may occur

Approvals:

- Complies with Federal Specification A-A-1192A (Type 41)
WW-H-171-E (Type 42) and MSS-SP-58 (Type 41).

Ordering: Specify Part Number



Part Number (HDG)	Nominal Pipe Size		RS		B		F		C		Wt.		Max. Rec. Load	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lb	kg	lbs	KN
PR03H-050	2	DN50	3/8	M10	1.63	41	2.75	70	4.02	102	0.6	0.27	600	2.67
PR03H-065	2½	DN65	1/2	M12	2.00	51	3.25	83	5.00	127	1.0	0.45	660	2.94
PR03H-080	3	DN80	1/2	M12	2.25	57	3.88	99	5.63	143	1.1	0.50	700	3.12
PR03H-100	4	DN100	5/8	M16	2.75	70	4.94	125	6.30	176	1.7	0.77	750	3.34
PR03H-125	5	DN125	5/8	M16	3.50	89	6.00	152	7.99	203	2.6	1.2	750	3.34
PR03H-150	6	DN150	3/4	M20	4.00	102	7.13	181	9.65	245	4.5	2.0	1070	4.76
PR03H-200	8	DN200	7/8	M22	5.13	130	9.05	230	11.81	300	7.2	3.3	1350	6.00
PR03H-250	10	DN250	7/8	M22	6.38	162	11.25	286	14.02	356	9.5	4.3	1730	7.70
PR03H-300	12	DN300	7/8	M22	7.50	191	13.25	337	15.75	407	16	7.3	2400	10.70
PR03H-350	14	DN350	1	M24	8.38	213	14.50	368	17.52	445	24	11	3130	14.00
PR03H-400	16	DN400	1	M24	9.50	241	16.50	419	19.49	495	32	15	3970	17.70
PR03H-450	18	DN450	1	M24	10.50	267	18.50	470	21.50	546	36	16	4200	18.70
PR03H-500	20	DN500	1¼	M30	11.63	295	20.50	521	24.25	616	47	21	4550	20.20
PR03H-550	22	DN550	1¼	M30	13.58	345	22.44	570	26.18	665	63	29		
PR03H-600	24	DN600	1½	M39	13.81	351	24.63	626	28.63	727	76	35	6160	27.40
PR03H-750	30	DN750	2	M52	17.24	438	30.51	775	35.51	902	35.5	78	7290	32.43
PR03H-900	36	DN900	2¼	M56	20.59	523	36.61	930	42.36	1076				

PR04 - Roller Stand

Size Range: 2" through 24"

Material: Carbon steel

Finish: Hot-dip galvanizing, or Galvanization

Service:

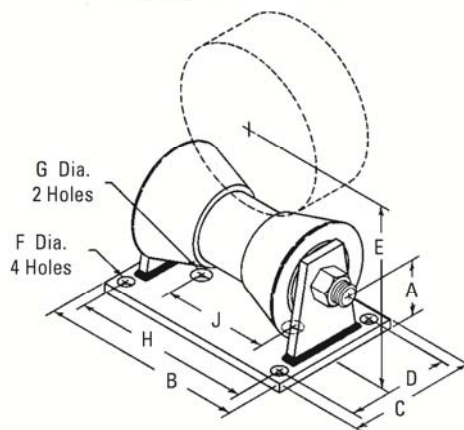
- For support of piping that expands and contracts longitudinally and where vertical adjustment is not necessary.
- If roll is to support bare pipe, select size from nominal pipe size.
- If used with pipe covering protection saddle, see Part Number: CPS01

Approvals:

- Complies with Manufacturer's Standardization Society MSS SP-58 & SP-69 (Type44).

Ordering: Specify Part Number

2 to 3 1/2 Roller
Stand shown



Part Number (HDG)	Nominal Pipe Size		A		B		C		D		E		F (Dia.)	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
PR04H-050/080	2	DN50	1.75	44.5	8.38	213	6	152	4.00	102	3.688	94	0.50	13
	2 1/2	DN65									3.94	100		
	3	DN80									4.25	108		
PR04H-100/150	4	DN100	2.06	52.5	9.88	251	6	152	4.25	108	5.00	127	0.50	13
	5	DN125									5.56	141		
	6	DN150									6.06	154		
PR04H-200/250	8	DN200	3.44	87.5	8.63	219	8	203	5.00	127	8.81	224	0.63	16
	10	DN250									9.88	251		
	12	DN300									11.44	290		
PR04H-300/350	14	DN350	3.88	98.5	10.94	278	8	203	6.00	152	12.06	306	0.75	19
	16	DN400									13.63	346		
	18	DN450									14.69	373		
PR04H-400/500	20	DN500	4.25	108	12.38	314	10	254	6.50	165	15.69	398	0.81	21
	22	DN550									16.73	425		
	24	DN600									17.72	450		
PR04H-750	30	DN750	5.13	130	17.00	432	10.75	273	8.00	203	21.75	553	1.06	27
	36	DN900									25.31	643		
	40	DN1000									27.32	694		
PR04H-900/1100	42	DN1050	5.75	146	20.00	508	12.00	305	9.00	229	28.31	719	1.19	30
	44	DN1100									30.31	770		

Part Number (HDG)	Nominal Pipe Size		G (Dia.)		H		J		Max. Rec. Load		Approx. Wt./100	
	in.	mm	in.	mm	in.	mm	in.	mm	lbs	kN	lbs	kg
PR04H-050/080	2	DN50	1.00	26	3.44	87.5	6.38	162	390	1.73	508	230.4
	2 1/2	DN65										
	3	DN80										
PR04H-100/150	4	DN100	1.00	26	4.69	119	7.88	200	950	4.22	631	286.2
	5	DN125										
	6	DN150										
PR04H-200/250	8	DN200	1.00	26	7.00	178	4.00	102	2100	9.34	1271	576.5
	10	DN250										
	12	DN300										
PR04H-300/350	14	DN350	1.00	26	9.06	230	5.75	146	3075	13.68	1994	904.5
	16	DN400										
	18	DN450										
PR04H-400/500	20	DN500	1.00	26	10.25	260	6.75	171	4980	22.15	3423	1552.7
	22	DN550										
	24	DN600										
PR04H-750	30	DN750	1.00	26	14.25	362	10.00	254	7500	33.36	7132	3235.1
	36	DN900										
	40	DN1000										
PR04H-900/1100	42	DN1050	1.00	26	17.00	432	12.00	305	12000	53.37	10386	4711.1
	44	DN1100										

Pipe Covering Protection Saddle



CPS01 - Pipe Covering Protection Saddle

Size Range: 2" through 44"

Material: Carbon steel

Finish: Hot-dip galvanizing, or Galvanization

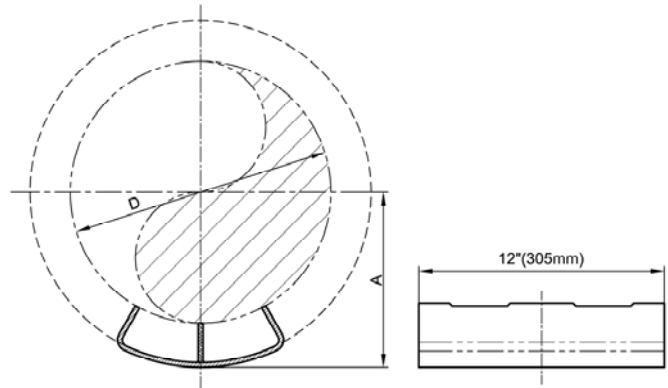
Service:

- Designed to protect insulation from crushing

Approvals:

- Complies with Manufacturer's Standardization Society
MSS SP-58 & SP-69 (Type 39).

Ordering: Specify Part Number



Part Number		Nominal Pipe Size		Actual Covering Thickness		A		D		Max. Rec. Load	
Galvanization	HDG	in.	mm	in.	mm	in.	mm	in.	mm	lbs	kN
CPS01-050	CPS01H-050	2	DN50	1	25	2.32	59	2.375	60.3	1200	5.34
				1.50	38	2.83	72			1200	5.34
				1.99	50	3.31	84			1800	8.01
CPS01-065	CPS01H-065	2½	DN65	1	25	2.60	66	2.875	73.0	1200	5.34
				1.50	38	3.11	79			1200	5.34
				1.99	50	3.58	91			1800	8.01
CPS01-080	CPS01H-080	3	DN80	1	25	2.91	74	3.500	88.9	1200	5.34
				1.50	38	3.43	87			1200	5.34
				1.99	50	3.90	99			1800	8.01
CPS01-100	CPS01H-100	4	DN100	1.50	38	3.98	101	4.500	114.3	1200	5.34
				1.99	50	4.45	113			1800	8.01
				2.95	75	5.43	138			1800	8.01
CPS01-125	CPS01H-125	5	DN125	1.50	38	4.53	115	5.563	141.3	1200	5.34
				1.99	50	5.00	127			1800	8.01
				2.95	75	5.98	152			1800	8.01
CPS01-150	CPS01H-150	6	DN150	1.50	38	5.00	127	6.625	168.3	1800	8.01
				1.99	50	5.47	139			1800	8.01
				2.95	75	6.46	164			1800	8.01
CPS01-200	CPS01H-200	8	DN200	1.50	38	6.06	154	8.625	219.1	1800	8.01
				1.99	50	6.54	166			1800	8.01
				2.95	75	7.52	191			1800	8.01
CPS01-250	CPS01H-250	10	DN250	1.50	38	7.13	181	10.750	273.0	5000	22.25
				1.99	50	7.60	193			5000	22.25
				2.95	75	8.58	218			5000	22.25
CPS01-300	CPS01H-300	12	DN300	1.50	38	8.11	206	12.750	323.9	5000	22.25
				1.99	50	8.58	218			5000	22.25
				2.95	75	9.57	243			5000	22.25
CPS01-350	CPS01H-350	14	DN350	1.50	38	8.74	222	14.000	355.6	5000	22.25
				1.99	50	9.21	234			5000	22.25
				2.95	75	10.20	259			5000	22.25
CPS01-400	CPS01H-400	16	DN400	1.50	38	9.72	247	16.000	406.4	5000	22.25
				1.99	50	10.20	259			5000	22.25
				2.95	75	11.18	284			7200	32.04
CPS01-450	CPS01H-450	18	DN450	1.50	38	10.75	273	18.000	457.0	5000	22.25
				1.99	50	11.22	285			7200	32.04
				2.95	75	12.20	310			7200	32.04
CPS01-500	CPS01H-500	20	DN500	1.50	38	11.73	298	20.000	508.0	7200	32.04
				1.99	50	12.20	310			7200	32.04
				2.95	75	13.19	335			7200	32.04
CPS01-600	CPS01-600	24	DN600	1.50	38	13.74	349	24.000	610.0	7200	32.04
				1.99	50	14.21	361			7200	32.04
				2.95	75	15.20	386			7200	32.04
CPS01-750	CPS01H-750	30	DN750	1.50	38	16.73	425	30.000	762.0	7200	32.04
				1.99	50	17.20	437			7200	32.04
				2.95	75	18.19	462			7200	32.04
CPS01-900	CPS01H-900	36	DN900	1.50	38	19.72	501	36.000	914.0	7200	32.04
				1.99	50	20.20	513			7200	32.04
				2.95	75	21.18	538			7200	32.04
CPS01-1000	CPS01H-1000	40	DN1000	1.50	38	21.73	552	40.000	1016.0	7200	32.04
				1.99	50	22.20	564			7200	32.04
				2.95	75	23.19	589			7200	32.04
CPS01-1100	CPS01H-1100	44	DN1100	1.50	38	23.74	603	44.000	1118.0	7200	32.04
				1.99	50	24.21	615			7200	32.04
				2.95	75	25.20	640			7200	32.04

LDS01 - Load-Distributing Sleeves

Size Range: 1" through 24"

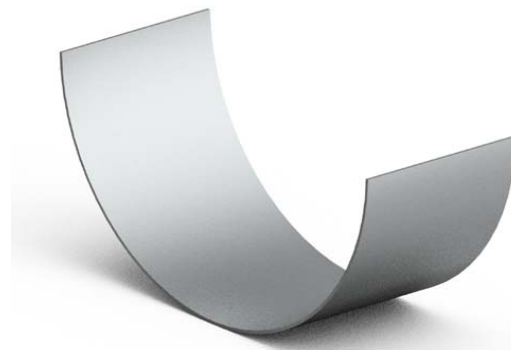
Material: Carbon steel

Finish: Galvanization

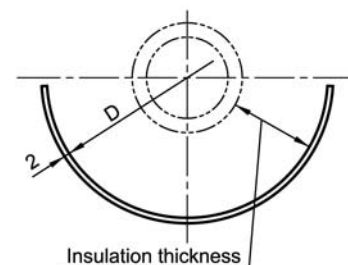
Service:

- For large pipe diameters or spacing between supports it is mandatory that insulation clamps with PU shells are fitted with load-distributing sleeves for improved load distribution.
- The use of load distributing sleeves for pipe diameters of 2" and more is recommended.

Ordering: Specify Part Number



Part Number	Nominal Pipe Size		D							
			Insulation thickness							
	in.	mm	25mm		38mm		50mm		75mm	
			in.	mm	in.	mm	in.	mm	in.	mm
LDS01-033	1"	DN25	3.29	83.5	6.65	169				
LDS01-042	1 1/4"	DN32	3.62	92	7.20	183				
LDS01-048	1 1/2"	DN40	3.88	98.5	7.58	192.5				
LDS01-060	2"	DN50	4.35	110.5	8.31	211				
LDS01-073	2 1/2"	DN65			5.87	149	6.81	173		
LDS01-089	3"	DN80			6.50	165	7.44	189		
LDS01-114	4"	DN100			7.50	190.5	8.44	214.5		
LDS01-141	5"	DN125			8.56	217.5	9.51	241.5		
LDS01-168	6"	DN150			9.63	244.5	10.57	268.5		
LDS01-219	8"	DN200			11.61	295	12.56	319		
LDS01-273	10"	DN250			13.74	349	14.69	373		
LDS01-324	12"	DN300			15.75	400	16.69	424		
LDS01-356	14"	DN350			16.30	414	17.93	455.5		
LDS01-406	16"	DN400			19.00	482.5	19.94	506.5		
LDS01-457	18"	DN450			20.98	533	21.93	557		
LDS01-508	20"	DN500			22.99	584	23.94	608		
LDS01-559	22"	DN550					25.94	659	27.91	709
LDS01-610	24"	DN600					27.95	710	29.92	760



UB01 - U Type Bolts

Pipe Size Range: 1/2" through 12" (DN15 through DN300)

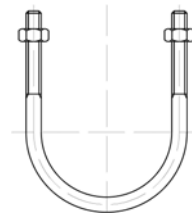
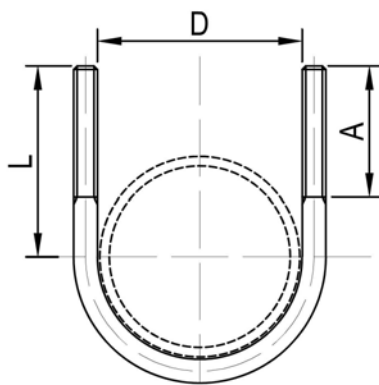
Rod Size Range: 1/4" through 7/8" (M6 through M22)

Material: Carbon steel, Stainless steel 304 or 316

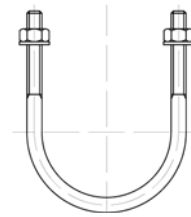
Surface Finish: Galvanized (Carbon steel)

Features: Includes 2 nuts or 4 nuts and 2 washers

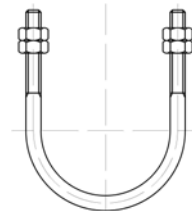
Ordering: Specify Part Number & Pipe size



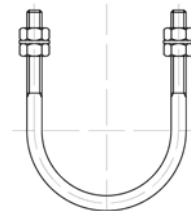
With 2 nuts



With 2 nuts & 2 washers



With 4 nuts



With 4 nuts & 2 washers

◆ Part Number :

UB01CS - 114 - 1/2 - 2N W

See Table 3

See Table 2

See the "RS" on the dimensions table

See the "Size code" on the dimensions table

See Table 1

Table 1

Code	U-bolt material
CS	Carbon steel
SS304	304SS
SS316	316SS

Table 2

Code	Nuts
2N	With 2 nuts
4N	With 4 nuts

Table 3

Code	Washers
N/A	No washer
W	With washers

Dimensions

Nominal Pipe Size		Size Code	RS		L		A		D		Carbon steel		Stainless steel	
											Max. Rec. Load		Max. Rec. Load	
NPS	DN	/	in.	mm	in.	mm	in.	mm	in.	mm	lbs	N	lbs	N
1/2"	15	022	1/4	M6	1.93	49	1.75	45	0.87	22.2	240	1060	435	1930
3/4"	20	027	1/4	M6	2.05	52	1.75	45	1.10	28.0	240	1060	435	1930
1"	25	034	1/4	M6	2.20	56	1.75	45	1.37	34.9	240	1060	435	1930
1 1/4"	32	042	1/4	M6	2.36	60	1.75	45	1.72	43.6	240	1060	435	1930
			3/8	M10	2.87	73	2.13	45	1.72	43.6	730	3240	1090	4850
1 1/2"	40	048	1/4	M6	2.44	62	1.75	45	1.95	49.5	240	1060	435	1930
			3/8	M10	3.00	76	2.52	64	1.95	49.5	730	3240	1090	4850
2"	50	060	1/4	M6	2.68	68	1.75	45	2.44	61.9	240	1060	435	1930
			3/8	M10	3.27	83	2.52	64	2.44	61.9	730	3240	1090	4850
2 1/2"	65	073 (076)*	3/8	M10	3.07	78	2.00	51	3.06	77.7	730	3240	1090	4850
			1/2	M12	3.74	95	3.00	76	3.06	77.7	1350	6000	2020	8980
3"	80	089	3/8	M10	3.39	86	2.00	51	3.56	90.5	730	3240	1090	4850
			1/2	M12	4.02	102	3.00	76	3.56	90.5	1350	6000	2020	8980
4"	100	114	3/8	M10	3.86	98	2.00	51	4.56	115.9	730	3240	1090	4850
			1/2	M12	4.50	114	3.00	76	4.56	115.9	1350	6000	2020	8980
5"	125	141 (140)*	3/8	M10	4.57	116	2.25	57	5.63	142.9	730	3240	1090	4850
			1/2	M12	5.00	127	3.00	76	5.63	142.9	1350	9600	2020	8980
6"	150	168 (165)*	1/2	M12	5.08	129	2.25	57	6.75	171.5	1350	6000	2020	8980
			5/8	M16	6.14	156	3.75	95	6.75	171.5	2160	9600	3230	14370
8"	200	219	1/2	M12	6.06	154	2.25	57	8.75	222.3	1350	6000	2020	8980
			5/8	M16	7.13	181	3.75	95	8.75	222.3	2160	9600	3230	14370
10"	250	273	5/8	M16	7.24	184	2.50	64	10.87	276.2	2160	9600	3230	14370
			3/4	M20	8.39	213	4.02	102	10.87	276.2	3230	1430	4830	21490
12"	300	324	3/4	M20	8.50	216	2.75	70	12.87	327.0	3230	1430	4830	21490
			7/8	M22	9.61	244	4.25	108	12.87	327.0	4480	1990	6730	29940

* : The figures in brackets are BSP codes.

NOTE: Load based on Max. 340°C (650°F)

R01 -Thread Rod

Size Range: 1/4" through 1" or M6 through M24

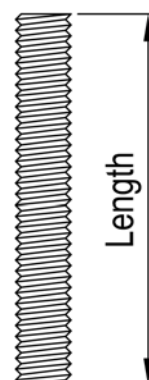
Material: Carbon steel

Finish: Plain or Zinc plate

Ordering: Specify Part Number + Length



Part Number	RS In.	Wt. lb / ft.	Max. Rec. Load lbs	Part Number	RS mm	Wt. kg / m	Max. Rec. Load N
R01-200	1/4	0.14	240	R01-M06	M6	0.18	1060
R01-300	3/8	0.31	730	R01-M10	M10	0.52	3240
R01-400	1/2	0.57	1350	R01-M12	M12	0.76	6000
R01-500	5/8	0.91	2160	R01-M16	M16	1.38	9600
R01-600	3/4	1.30	3230	R01-M20	M20	2.15	14300
R01-700	7/8	1.81	4480	R01-M22	M22	2.64	19900
R01-800	1	2.35	5900	R01-M24	M24	3.09	26200



NOTE: Load based on Max. 340°C (650°F)

Length based on customer request

CANTILEVER BRACKET



CB01 - Cantilever Bracket

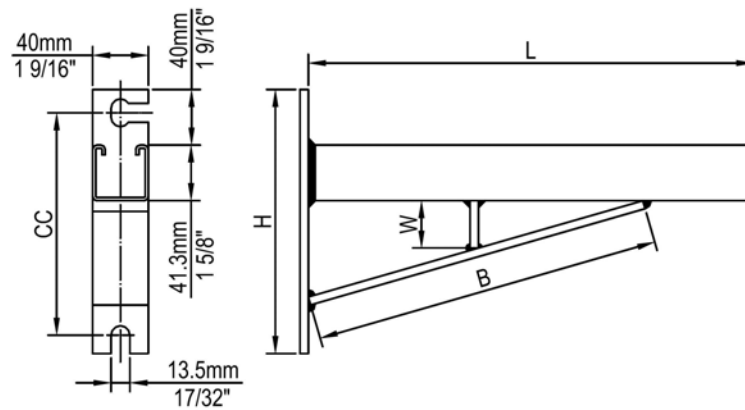
Material: Carbon steel

Finish: Zinc plated, other finish available upon request

Ordering: Specify Part Number



Part Number	CC		H		L		W		B	
	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm
CB01-320	6 ⁵ / ₁₆	160	7 ¹ / ₂	190	12 ⁵ / ₈	320	---	---	9 ¹³ / ₁₆	250
CB01-470	6 ⁵ / ₁₆	160	7 ¹ / ₂	190	18 ¹ / ₂	470	---	---	13 ³ / ₄	350
CB01-635	8 ¹ / ₄	210	9 ⁷ / ₁₆	240	25	635	2 ¹ / ₂	64	18 ¹ / ₈	460
CB01-780	8 ¹ / ₄	210	7 ¹ / ₂	240	30 ¹¹ / ₁₆	780	2 ¹ / ₂	64	22 ⁷ / ₁₆	570

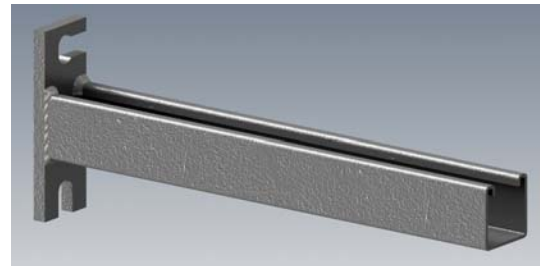


CB02 - Cantilever Bracket

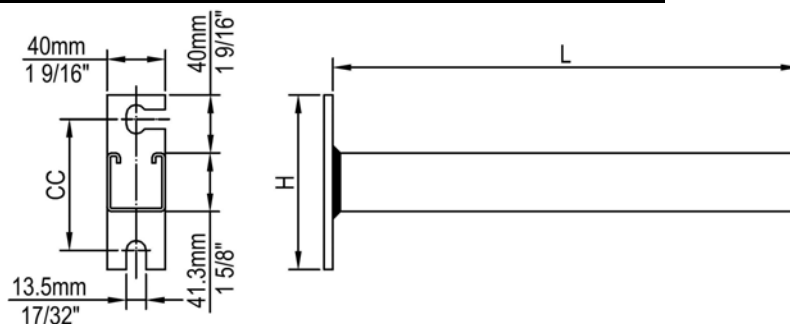
Material: Carbon steel

Finish: Zinc plated, other finish available upon request

Ordering: Specify Part Number

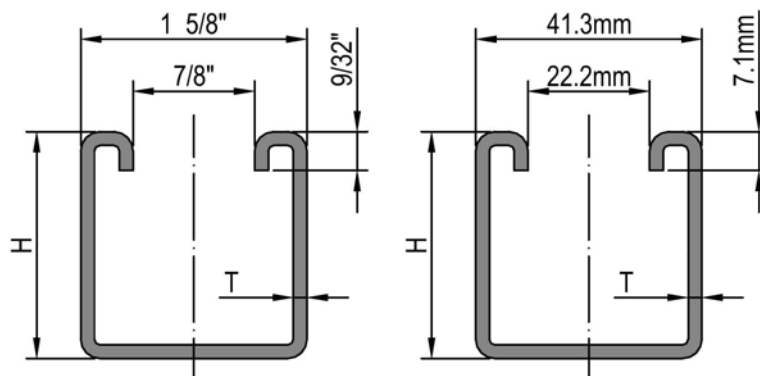


Part Number	CC		H		L	
	In.	mm	In.	mm	In.	mm
CB02-320	3 ⁹ / ₁₆	90	4 ³ / ₄	120	12 ⁵ / ₈	320
CB02-470	3 ⁹ / ₁₆	90	4 ³ / ₄	120	18 ¹ / ₂	470
CB02-635	3 ⁹ / ₁₆	90	4 ³ / ₄	120	25	635
CB02-780	3 ⁹ / ₁₆	90	4 ³ / ₄	120	30 ¹¹ / ₁₆	780

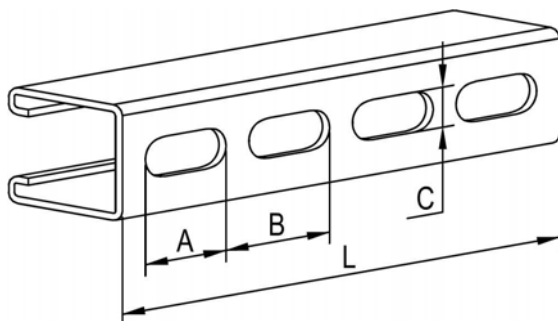


Channel

Model Number	H	
	In.	mm
C0130	13/16	20.6
C0140	7/8	22.2
C0160	1	25.4
C0220	1 ³ / ₈	34.9
C0260	1 ⁵ / ₈	41.3
C0390	2 ⁷ / ₁₆	61.9
C0520	3 ¹ / ₄	82.6



NOTE: T can be customized; the max is 3mm (0.118in).



Slot Code	A		B		C	
	In.	mm	In.	mm	In.	mm
H1	1 ¹ / ₈	28.6	2	50.8	9/16	14.3
H2	1 ⁵ / ₁₆	33.3	2	50.8	0.413	10.5
H3	3	76.2	4	101.6	7/16	11.1
HX	A, B and C can be customized					

NOTE: L can be customized; the max is 6.1m (20ft).

Unit Weight Table

Model	T							kg/m						
	0.063in	0.071in	0.079in	0.091in	0.098in	0.106in	0.118in	1.6mm	1.8mm	2.0mm	2.3mm	2.5mm	2.7mm	3.0mm
C0130	0.83	0.92	1.01	1.13	1.21	1.29	1.40	1.24	1.37	1.50	1.69	1.81	1.92	2.08
C0140	0.86	0.95	1.04	1.17	1.25	1.33	1.45	1.27	1.41	1.55	1.74	1.87	1.99	2.16
C0160	0.91	1.01	1.10	1.24	1.33	1.42	1.55	1.35	1.50	1.65	1.85	1.99	2.12	2.30
C0220	1.06	1.18	1.30	1.47	1.58	1.68	1.84	1.58	1.76	1.93	2.19	2.35	2.51	2.74
C0260	1.17	1.30	1.43	1.62	1.74	1.86	2.03	1.74	1.94	2.13	2.41	2.60	2.77	3.03
C0390	1.50	1.68	1.85	2.10	2.27	2.43	2.66	2.24	2.50	2.75	3.13	3.37	3.61	3.97
C0520	1.84	2.06	2.27	2.59	2.79	3.00	3.30	2.74	3.07	3.38	3.85	4.16	4.46	4.91

Finish:

- <> PG ----- Pre-galvanized
- <> Z ----- Zinc Plated
- <> H ----- Hot Dipped Galvanized
- <> P ----- Plain

Part Number

"Model Number" + "Slot Code" -- "T" + "Finish" e.g.: C0260H1-2.3H

Bolts

Size Range: 1/4" through 1" or M6 through M24
Material: Carbon steel , Stainless steel 304 or 316
Finish: Galvanized (Carbon steel)
Ordering: size & standard



Track Bolts

Size Range: 3/8" through 1" or M10 through M24
Material: Carbon steel , Stainless steel 304 or 316
Finish: Galvanized (Carbon steel)
Ordering: size



Nuts

Size Range: 1/4" through 1" or M6 through M24
Material: Carbon steel , Stainless steel 304 or 316
Finish: Galvanized (Carbon steel)
Ordering: size & standard



Washers

Size Range: 1/4" through 1" or M6 through M24
Material: Carbon steel , Stainless steel 304 or 316
Finish: Galvanized (Carbon steel)
Ordering: size & standard



Drop-in Anchor

Size Range: 1/4" through 3/4" or M6 through M20
Material: Carbon steel , Stainless steel 304 or 316
Finish: Galvanized (Carbon steel)
Ordering: size



Spring Nuts

Size Range: 1/4" through 3/4" or M6 through M20
Material: Carbon steel , Stainless steel 304 or 316
Finish: Galvanized (Carbon steel)
Ordering: Size

