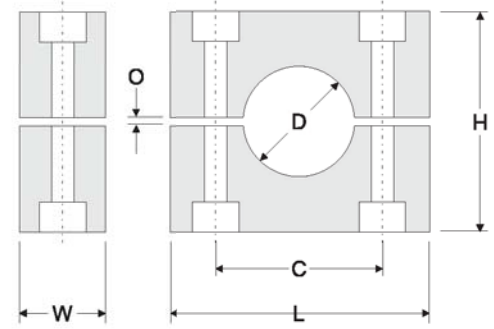


# Heavy Series Pipe Clamps

Behringer's clamp pairs are available in different materials and incorporate a modular insert by group size. The robust Heavy Series design is larger and thicker than the Standard Series, and is designed for the toughest applications. Heavy Series pipe clamps are available in sizes from 1/4 in. (6.35mm) through 8.625 in. (219mm) outside diameter sizes, and various materials such as polypropylene, Santoprene, and aluminum. The clamp bore is offered in both the ribbed design for all sizes and now with a smooth bore design through group H6.



Ribbed Design



Smooth Bore



### Clamp Pair Material Codes (\*)

<b>P</b>	<b>[PP] Polypropylene</b> Black Color	<b>S</b>	<b>[SP] Santoprene</b> Beige Color	<b>A</b>	<b>[AL] Aluminum</b> Aluminum Color
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### Clamp Pair Selection and Part Numbers

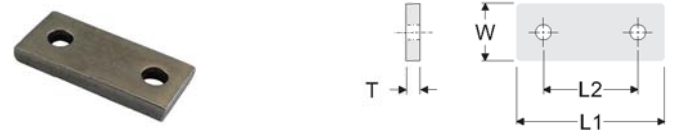
Behringer Group	Size	Metric OD (mm)	Imperial OD (Inch)	L	C	H	O	W	Weight Ea.	Ribbed Inside Clamp Pair (See material for *)	Smooth Bore Clamp Pair (See material for *)							
H3	1/4 OD Tube	6.4	0.250	2.250 in. (57 mm)	1.300 in. (33 mm)	1.375 in. (35 mm)	0.063 in. (1.6 mm)	1.188 in. (30.2 mm)	0.07 lbs	HS-CLH-03- <sup>-</sup> 025	HS-CLH-03- <sup>-</sup> 025SB							
	3/8 OD Tube	9.5	0.375							HS-CLH-03- <sup>-</sup> 038	HS-CLH-03- <sup>-</sup> 038SB							
	1/8 Pipe	10.0	0.405							HS-CLH-03- <sup>-</sup> 041	HS-CLH-03- <sup>-</sup> 041SB							
	1/2 OD Tube	12.7	0.500							HS-CLH-03- <sup>-</sup> 050	HS-CLH-03- <sup>-</sup> 050SB							
	1/4 Pipe	13.7	0.540							HS-CLH-03- <sup>-</sup> 054	HS-CLH-03- <sup>-</sup> 054SB							
	5/8 OD Tube	16.0	0.625							HS-CLH-03- <sup>-</sup> 062	HS-CLH-03- <sup>-</sup> 062SB							
H4	3/8 Pipe	17.1	0.675	2.750 in. (70 mm)	1.770 in. (45 mm)	1.875 in. (48 mm)	0.063 in. (1.6 mm)	1.188 in. (30.2 mm)	0.09 lbs	HS-CLH-03- <sup>-</sup> 068	HS-CLH-03- <sup>-</sup> 068SB							
	3/4 OD Tube	19.0	0.750							HS-CLH-04- <sup>-</sup> 075	HS-CLH-03- <sup>-</sup> 075SB							
	20 mm	20.0	0.790							HS-CLH-04- <sup>-</sup> 079	HS-CLH-03- <sup>-</sup> 079SB							
	1/2 Pipe	21.3	0.840							HS-CLH-04- <sup>-</sup> 084	HS-CLH-03- <sup>-</sup> 084SB							
	7/8 OD Tube	22.2	0.875							HS-CLH-04- <sup>-</sup> 087	HS-CLH-03- <sup>-</sup> 087SB							
	24 mm	24.0	0.944							HS-CLH-04- <sup>-</sup> 094	HS-CLH-03- <sup>-</sup> 094SB							
	25 mm	25.0	0.984							HS-CLH-04- <sup>-</sup> 095	HS-CLH-03- <sup>-</sup> 095SB							
	1 OD Tube	25.4	1.000							HS-CLH-04- <sup>-</sup> 098	HS-CLH-03- <sup>-</sup> 098SB							
	3/4 Pipe	26.7	1.050							HS-CLH-04- <sup>-</sup> 100	HS-CLH-03- <sup>-</sup> 100SB							
	28 mm	28.0	1.102							HS-CLH-04- <sup>-</sup> 105	HS-CLH-03- <sup>-</sup> 105SB							
H5	30 mm	30.0	1.181	3.344 in. (87 mm)	2.360 in. (60 mm)	2.375 in. (60 mm)	0.063 in. (1.6 mm)	1.188 in. (30.2 mm)	0.15 lbs	HS-CLH-04- <sup>-</sup> 110	HS-CLH-03- <sup>-</sup> 110SB							
	1 1/4 OD Tube	32.0	1.250							HS-CLH-04- <sup>-</sup> 118	HS-CLH-03- <sup>-</sup> 118SB							
	1 Pipe	33.4	1.315							HS-CLH-06- <sup>-</sup> 125	HS-CLH-05- <sup>-</sup> 125SB							
	1 1/2 OD Tube	38.1	1.500							HS-CLH-05- <sup>-</sup> 132	HS-CLH-05- <sup>-</sup> 132SB							
H6	1 1/4 Pipe	42.2	1.660	4.500 in. (115 mm)	3.530 in. (90 mm)	3.500 in. (89 mm)	0.125 in. (3.2 mm)	1.688 in. (43 mm)	0.35 lbs	HS-CLH-05- <sup>-</sup> 150	HS-CLH-05- <sup>-</sup> 150SB							
	1 1/2 Pipe	42.2	1.660							HS-CLH-05- <sup>-</sup> 166	HS-CLH-05- <sup>-</sup> 166SB							
	1 3/4 OD Tube	44.5	1.750							HS-CLH-06- <sup>-</sup> 166	HS-CLH-06- <sup>-</sup> 166SB							
	1 1/2 Pipe	48.3	1.900							HS-CLH-06- <sup>-</sup> 175	HS-CLH-06- <sup>-</sup> 175SB							
	2 OD Tube	50.8	2.000							HS-CLH-06- <sup>-</sup> 190	HS-CLH-06- <sup>-</sup> 190SB							
	2 1/8 OD Tube	54.0	2.125							HS-CLH-06- <sup>-</sup> 200	HS-CLH-06- <sup>-</sup> 200SB							
	2 1/4 OD Tube	57.2	2.250							HS-CLH-06- <sup>-</sup> 213	HS-CLH-06- <sup>-</sup> 213SB							
	2 Pipe	60.3	2.375							HS-CLH-06- <sup>-</sup> 225	HS-CLH-06- <sup>-</sup> 225SB							
	2 1/2 OD Tube	63.5	2.500							HS-CLH-06- <sup>-</sup> 238	HS-CLH-06- <sup>-</sup> 238SB							
	2 3/4 OD Tube	69.9	2.750							HS-CLH-06- <sup>-</sup> 250	HS-CLH-06- <sup>-</sup> 250SB							
	H7	3 Pipe	69.9							2.750	6.000 in. (152 mm)	4.810 in. (122 mm)	4.750 in. (121 mm)	0.125 in. (3.2 mm)	2.188 in. (55.6 mm)	0.78 lbs	HS-CLH-06- <sup>-</sup> 275	HS-CLH-06- <sup>-</sup> 275SB
		2 3/4 OD Tube	69.9							2.750							HS-CLH-07- <sup>-</sup> 275	HS-CLH-07- <sup>-</sup> 275SB
2 1/2 OD Pipe		73.0	2.875	HS-CLH-07- <sup>-</sup> 288	HS-CLH-07- <sup>-</sup> 288SB													
3 OD Tube		76.2	3.000	HS-CLH-07- <sup>-</sup> 300	HS-CLH-07- <sup>-</sup> 300SB													
H8	3 Pipe	88.9	3.500	8.063 in. (205 mm)	6.620 in. (168 mm)	6.625 in. (168 mm)	0.188 in. (4.8 mm)	2.938 in. (74.6 mm)	2.31 lbs	HS-CLH-07- <sup>-</sup> 360	HS-CLH-07- <sup>-</sup> 360SB							
	3 Pipe	88.9	3.500							HS-CLH-03- <sup>-</sup> 350	HS-CLH-03- <sup>-</sup> 350SB							
	4 OD Tube	102	4.000							HS-CLH-03- <sup>-</sup> 400	HS-CLH-03- <sup>-</sup> 400SB							
H9	4 Pipe	114	4.500	9.750 in. (248 mm)	8.060 in. (205 mm)	7.875 in. (200 mm)	0.188 in. (4.8 mm)	3.438 in. (87.3 mm)	2.59 lbs	HS-CLH-03- <sup>-</sup> 450	HS-CLH-03- <sup>-</sup> 450SB							
	5 OD Tube	127	5.000							HS-CLH-03- <sup>-</sup> 500	HS-CLH-03- <sup>-</sup> 500SB							
	5 OD Tube	127	5.000							HS-CLH-09- <sup>-</sup> 500	HS-CLH-09- <sup>-</sup> 500SB							
	5 1/4 OD Tube	133	5.250							HS-CLH-09- <sup>-</sup> 625	HS-CLH-09- <sup>-</sup> 625SB							
	5 Pipe	141	5.563							HS-CLH-09- <sup>-</sup> 656	HS-CLH-09- <sup>-</sup> 656SB							
H10	6 OD Tube	152	6.000	12.500 in. (318 mm)	10.430 in. (265 mm)	10.625 in. (270 mm)	0.188 in. (4.8 mm)	4.438 in. (113 mm)	7.73 lbs	HS-CLH-09- <sup>-</sup> 600	HS-CLH-09- <sup>-</sup> 600SB							
	6 Pipe	168	6.625							HS-CLH-09- <sup>-</sup> 663	HS-CLH-09- <sup>-</sup> 663SB							
	6 Pipe	168	6.625							HS-CLH-10- <sup>-</sup> 663	HS-CLH-10- <sup>-</sup> 663SB							
	7 OD Tube	178	7.000							HS-CLH-10- <sup>-</sup> 700	HS-CLH-10- <sup>-</sup> 700SB							
H10	8 OD Tube	203	8.000	12.500 in. (318 mm)	10.430 in. (265 mm)	10.625 in. (270 mm)	0.188 in. (4.8 mm)	4.438 in. (113 mm)	7.73 lbs	HS-CLH-10- <sup>-</sup> 800	HS-CLH-10- <sup>-</sup> 800SB							
	8 Pipe	219	8.625							HS-CLH-10- <sup>-</sup> 863	HS-CLH-10- <sup>-</sup> 863SB							

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# Heavy Series Pipe Clamps

## Securing Plate Selection and Dimensions



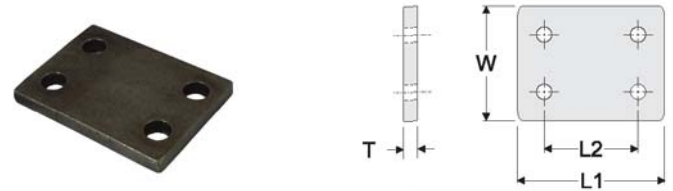
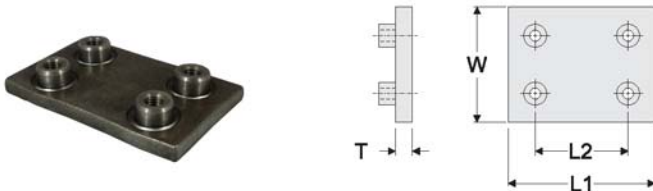
Single Weld Plate [SWP]							
Grp.	Order Number	L1	L2	W	T	Thread	Weight Ea.
H3	HS-SWP-03 <sup>a</sup>	2.875 in. (73 mm)	1.30 in. (33 mm)	1.25 in. (32 mm)	0.313 in. (8 mm)	3/8 - 16 UNC (M10)	0.34 lbs
H4	HS-SWP-04 <sup>a</sup>	3.375 in. (86 mm)	1.77 in. (45 mm)	1.25 in. (32 mm)	0.313 in. (8 mm)	3/8 - 16 UNC (M10)	0.39 lbs
H5	HS-SWP-05 <sup>a</sup>	4.000 in. (102 mm)	2.36 in. (60 mm)	1.25 in. (32 mm)	0.313 in. (8 mm)	3/8 - 16 UNC (M10)	0.45 lbs
H6	HS-SWP-06 <sup>a</sup>	5.875 in. (149 mm)	3.53 in. (90 mm)	1.75 in. (45 mm)	0.375 in. (10 mm)	7/16 - 14 UNC (M12)	1.10 lbs
H7	HS-SWP-07 <sup>a</sup>	7.375 in. (187 mm)	4.81 in. (122 mm)	2.25 in. (57 mm)	0.375 in. (10 mm)	5/8 - 11 UNC (M18)	1.71 lbs
H8	HS-SWP-08 <sup>a</sup>	10.000 in. (254 mm)	6.62 in. (168 mm)	3.00 in. (76 mm)	0.500 in. (13 mm)	3/4 - 10 UNC (M20)	4.15 lbs
H9	HS-SWP-09 <sup>a</sup>	11.750 in. (298 mm)	8.06 in. (205 mm)	3.50 in. (89 mm)	0.500 in. (13 mm)	7/8 - 9 UNC (M24)	5.83 lbs
H10	HS-SWP-10 <sup>a</sup>	14.500 in. (368 mm)	10.43 in. (265 mm)	4.50 in. (114 mm)	0.750 in. (19 mm)	1-1/8 - 7 UNC (M30)	13.65 lbs

**\*Materials:** C Unplated Carbon Steel (Standard Material)  
 T AISI 304 Grade Stainless Steel (A2 - 1.4301/1.4305)  
 X AISI 316 Grade Stainless Steel (A4 - 1.4401/1.4571)  
 Z Zinc Plated Steel (Special Order)

**Threads:** omit As ordered above, the weld plates have standard UNC thread  
 -MET By adding the "-MET" designation after the material designation above, the threads will be metric

Single Cover Plate [SCP]						
Grp.	Order Number	L1	L2	W	T	Weight Ea.
H3	HS-SCP-03 <sup>a</sup>	2.250 in. (57 mm)	1.30 in. (33 mm)	1.25 in. (32 mm)	0.313 in. (8 mm)	0.21 lbs
H4	HS-SCP-04 <sup>a</sup>	2.750 in. (70 mm)	1.77 in. (45 mm)	1.25 in. (32 mm)	0.313 in. (8 mm)	0.26 lbs
H5	HS-SCP-05 <sup>a</sup>	3.344 in. (85 mm)	2.36 in. (60 mm)	1.25 in. (32 mm)	0.313 in. (8 mm)	0.32 lbs
H6	HS-SCP-06 <sup>a</sup>	4.500 in. (114 mm)	3.53 in. (90 mm)	1.75 in. (45 mm)	0.375 in. (10 mm)	0.77 lbs
H7	HS-SCP-07 <sup>a</sup>	6.000 in. (152 mm)	4.81 in. (122 mm)	2.25 in. (57 mm)	0.375 in. (10 mm)	1.28 lbs
H8	HS-SCP-08 <sup>a</sup>	8.063 in. (205 mm)	6.62 in. (168 mm)	3.00 in. (76 mm)	0.500 in. (13 mm)	3.19 lbs
H9	HS-SCP-09 <sup>a</sup>	9.813 in. (249 mm)	8.06 in. (205 mm)	3.50 in. (89 mm)	0.500 in. (13 mm)	4.58 lbs
H10	HS-SCP-10 <sup>a</sup>	12.500 in. (318 mm)	10.43 in. (265 mm)	4.50 in. (114 mm)	0.750 in. (19 mm)	11.31 lbs

**\*Materials:** C Unplated Carbon Steel (Standard Material)  
 T AISI 304 Grade Stainless Steel (A2 - 1.4301/1.4305)  
 X AISI 316 Grade Stainless Steel (A4 - 1.4401/1.4571)  
 Z Zinc Plated Steel (Special Order)



Double Weld Plate [DWP]							
Grp.	Order Number	L1	L2	W	T	Thread	Weight Ea.
H3	HS-DWP-03 <sup>a</sup>	2.875 in. (73 mm)	1.30 in. (33 mm)	2.50 in. (64 mm)	0.313 in. (8 mm)	3/8 - 16 UNC (M10)	0.72 lbs
H4	HS-DWP-04 <sup>a</sup>	3.375 in. (86 mm)	1.77 in. (45 mm)	2.50 in. (64 mm)	0.313 in. (8 mm)	3/8 - 16 UNC (M10)	0.78 lbs
H5	HS-DWP-05 <sup>a</sup>	4.000 in. (102 mm)	2.36 in. (60 mm)	2.50 in. (64 mm)	0.313 in. (8 mm)	3/8 - 16 UNC (M10)	0.90 lbs
H6	HS-DWP-06 <sup>a</sup>	5.875 in. (149 mm)	3.53 in. (90 mm)	3.50 in. (89 mm)	0.375 in. (10 mm)	7/16 - 14 UNC (M12)	2.20 lbs
H7	HS-DWP-07 <sup>a</sup>	7.375 in. (187 mm)	4.81 in. (122 mm)	4.50 in. (114 mm)	0.375 in. (10 mm)	5/8 - 11 UNC (M16)	3.42 lbs
H8	HS-DWP-08 <sup>a</sup>	10.000 in. (254 mm)	6.62 in. (168 mm)	7.00 in. (178 mm)	0.500 in. (13 mm)	3/4 - 10 UNC (M20)	8.30 lbs
H9	HS-DWP-09 <sup>a</sup>	11.750 in. (298 mm)	8.06 in. (205 mm)	7.00 in. (178 mm)	0.500 in. (13 mm)	7/8 - 9 UNC (M24)	11.75 lbs
H10	HS-DWP-10 <sup>a</sup>	14.500 in. (368 mm)	10.43 in. (265 mm)	9.375 in. (238 mm)	0.750 in. (19 mm)	1-1/8 - 7 UNC (M30)	28.00 lbs

**\*Materials:** C Unplated Carbon Steel (Standard Material)  
 T AISI 304 Grade Stainless Steel (A2 - 1.4301/1.4305)  
 X AISI 316 Grade Stainless Steel (A4 - 1.4401/1.4571)  
 Z Zinc Plated Steel (Special Order)

**Threads:** omit As ordered above, the weld plates have standard UNC thread  
 -MET By adding the "-MET" designation after the material designation above, the threads will be metric

Double Cover Plate [DCP]						
Grp.	Order Number	L1	L2	W	T	Weight Ea.
H3	HS-DCP-03 <sup>a</sup>	2.250 in. (57 mm)	1.30 in. (33 mm)	2.50 in. (64 mm)	0.313 in. (8 mm)	0.42 lbs
H4	HS-DCP-04 <sup>a</sup>	2.750 in. (70 mm)	1.77 in. (45 mm)	2.50 in. (64 mm)	0.313 in. (8 mm)	0.52 lbs
H5	HS-DCP-05 <sup>a</sup>	3.344 in. (85 mm)	2.36 in. (60 mm)	2.50 in. (64 mm)	0.313 in. (8 mm)	0.64 lbs
H6	HS-DCP-06 <sup>a</sup>	4.500 in. (114 mm)	3.53 in. (90 mm)	3.50 in. (89 mm)	0.375 in. (10 mm)	1.54 lbs
H7	HS-DCP-07 <sup>a</sup>	6.000 in. (152 mm)	4.81 in. (122 mm)	4.50 in. (114 mm)	0.375 in. (10 mm)	2.56 lbs
H8	HS-DCP-08 <sup>a</sup>	8.063 in. (205 mm)	6.62 in. (168 mm)	7.00 in. (178 mm)	0.500 in. (13 mm)	6.38 lbs
H9	HS-DCP-09 <sup>a</sup>	9.813 in. (249 mm)	8.06 in. (205 mm)	7.00 in. (178 mm)	0.500 in. (13 mm)	9.16 lbs
H10	HS-DCP-10 <sup>a</sup>	12.500 in. (318 mm)	10.43 in. (265 mm)	9.375 in. (238 mm)	0.750 in. (19 mm)	22.62 lbs

**\*Materials:** C Unplated Carbon Steel (Standard Material)  
 T AISI 304 Grade Stainless Steel (A2 - 1.4301/1.4305)  
 X AISI 316 Grade Stainless Steel (A4 - 1.4401/1.4571)  
 Z Zinc Plated Steel (Special Order)

# Heavy Series Pipe Clamps

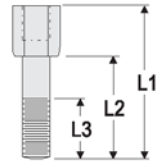
## Fastening Hardware Selection and Dimensions



Hexagon Head Bolt [HEX]				
Grp.	Order Number	L	Thread	Weight Ea.
H3	HS-HEX-03-*	1.75 in. (44 mm)	3/8 - 16 UNC M10	0.06 lbs
H4	HS-HEX-04-*	2.25 in. (57 mm)	3/8 - 16 UNC M10	0.06 lbs
H5	HS-HEX-05-*	2.75 in. (70 mm)	3/8 - 16 UNC M10	0.09 lbs
H6	HS-HEX-06-*	4.00 in. (102 mm)	7/16 - 14 UNC M12	0.18 lbs
H7	HS-HEX-07-*	5.25 in. (133 mm)	5/8 - 11 UNC M16	0.50 lbs
H8	HS-HEX-08-*	7.50 in. (191 mm)	3/4 - 10 UNC M20	0.97 lbs
H9	HS-HEX-09-*	8.50 in. (216 mm)	7/8 - 9 UNC M24	1.56 lbs
H10	HS-HEX-10-*	11.75 in. (298 mm)	1-1/8 - 7 UNC M30	3.53 lbs

**\*Materials:**  
**C** Unplated Carbon Steel (Standard Material)  
**T** AISI 304 Grade Stainless Steel (A2 - 1.4301/1.4305)  
**X** AISI 316 Grade Stainless Steel (A4 - 1.4401/1.4571)  
**Z** Zinc Plated Steel (Standard Material)

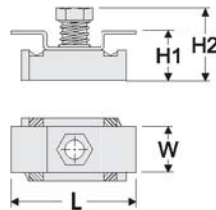
**Threads:**  
**omit** As ordered above, the weld plates have standard 1/4 - 20 UNC Thread  
**-MET** By adding the "-MET" designation after the material designation above, the threads are M6 Metric Thread



Stacking Bolt [STB]						
Grp.	Order Number	L1	L2	L3	Thread	Weight Ea.
H3	HS-STB-03-*	1.969 in. (50 mm)	0.906 in. (23 mm)	0.906 in. (23 mm)	3/8 - 16 UNC M10	0.10 lbs
H4	HS-STB-04-*	2.469 in. (63 mm)	1.406 in. (36 mm)	1.000 in. (25.4 mm)	3/8 - 16 UNC M10	0.11 lbs
H5	HS-STB-05-*	2.969 in. (75 mm)	1.906 in. (48 mm)	1.000 in. (25.4 mm)	3/8 - 16 UNC M10	0.13 lbs
H6	HS-STB-06-*	4.250 in. (108 mm)	2.875 in. (73 mm)	1.250 in. (32 mm)	7/16 - 14 UNC (M12)	0.24 lbs
H7	HS-STB-07-*	5.50 in. (140 mm)	3.875 in. (98 mm)	1.250 in. (32 mm)	5/8 - 11 UNC (M16)	0.49 lbs
H8	HS-STB-08-*	7.750 in. (197 mm)	5.750 in. (146 mm)	1.500 in. (38 mm)	3/4 - 10 UNC (M20)	1.15 lbs
H9	HS-STB-09-*	9.188 in. (233 mm)	7.000 in. (178 mm)	1.750 in. (44 mm)	7/8 - 9 UNC (M24)	1.65 lbs
H10	HS-STB-10-*	12.000 in. (305 mm)	9.500 in. (241 mm)	2.250 in. (57 mm)	1-1/8 - 7 UNC (M30)	2.50 lbs

**\*Materials:**  
**C** Unplated Carbon Steel (Standard Material)  
**T** AISI 304 Grade Stainless Steel (A2 - 1.4301/1.4305)  
**X** AISI 316 Grade Stainless Steel (A4 - 1.4401/1.4571)  
**Z** Zinc Plated Steel (Special Order)

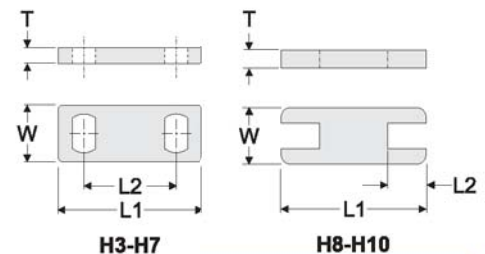
**Threads:**  
**omit** As ordered above, the weld plates have standard UNC thread  
**-MET** By adding the "-MET" designation after the material designation above, the threads will be metric



Strut Clip Nut [UCN]							
Grp.	Order Number	L	W	H1	H2	Thread	Weight Ea.
H3-H5	HS-UCN-345-*	1.500 in. (38 mm)	0.980 in. (25 mm)	0.728 in. (18.5 mm)	1.083 in. (27.5 mm)	3/8 - 16 UNC	0.2 lbs
H6	HS-UCN-06-*	1.790 in. (44 mm)	0.980 in. (25 mm)	0.610 in. (15.5 mm)	0.990 in. (25 mm)	7/16 - 14 UNC	0.3 lbs

**\*Materials:**  
**Z** Zinc Plated Steel (Standard Material)  
**T** AISI 304 Grade Stainless Steel (A2 - 1.4301/1.4305)  
**X** AISI 316 Grade Stainless Steel (A4 - 1.4401/1.4571)

**Threads:**  
**omit** As ordered above, the weld plates have standard UNC thread  
**-MET** By adding the "-MET" designation after the material designation above, the threads will be metric (Special for this item - call for info)



Safety Plate [SAF]						
Grp.	Order Number	L1	L2	W	T	Weight Ea.
H3	HS-SAF-03-*	2.281 in. (58 mm)	1.300 in. (33 mm)	1.219 in. (31 mm)	0.125 in. (3.2 mm)	0.06 lbs.
H4	HS-SAF-04-*	2.750 in. (70 mm)	1.770 in. (45 mm)	1.219 in. (31 mm)	0.125 in. (3.2 mm)	0.08 lbs.
H5	HS-SAF-05-*	3.344 in. (85 mm)	2.360 in. (60 mm)	1.219 in. (31 mm)	0.125 in. (3.2 mm)	0.11 lbs.
H6	HS-SAF-06-*	4.531 in. (115 mm)	3.530 in. (90 mm)	1.625 in. (41 mm)	0.188 in. (4.8 mm)	0.31 lbs.
H7	HS-SAF-07-*	5.938 in. (151 mm)	4.812 in. (122 mm)	2.125 in. (54 mm)	0.188 in. (4.8 mm)	0.58 lbs.
H8	HS-SAF-08-*	8.000 in. (203 mm)	1.313 in. (33 mm)	2.938 in. (75 mm)	0.375 in. (9.5 mm)	1.43 lbs.
H9	HS-SAF-09-*	9.750 in. (248 mm)	1.750 in. (44 mm)	3.438 in. (87 mm)	0.375 in. (9.5 mm)	2.17 lbs.
H10	HS-SAF-10-*	12.438 in. (316 mm)	1.906 in. (48 mm)	4.438 in. (113 mm)	0.250 in. (6.3 mm)	3.25 lbs.

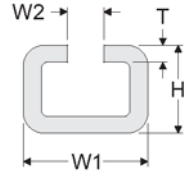
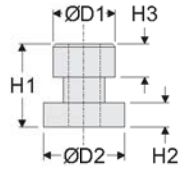
**\*Materials:**  
**C** Unplated Carbon Steel (Standard Material)  
**T** AISI 304 Grade Stainless Steel (A2 - 1.4301/1.4305)  
**X** AISI 316 Grade Stainless Steel (A4 - 1.4401/1.4571)  
**Z** Zinc Plated Steel (Special Order)

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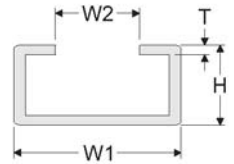
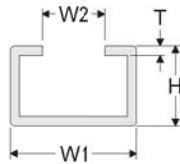
# Heavy Series Pipe Clamps

## Rail Mounting Selection and Dimensions



Rail Nut [RCN]							
Grp.	Order Number	ØD1	ØD2	H1	H2	H3	Thread
H3	HS-RCN-99*-RN7	0.698 in. (17.8 mm)	0.750 in. (19 mm)	0.750 in. (19 mm)	0.219 in. (5.6 mm)	0.297 in. (7.6 mm)	3/8 - 16 UNC
H4							M10
H5							
H6	HS-RCN-99*-RN8	0.778 in. (19.8 mm)	0.875 in. (22.2 mm)	0.813 in. (20.7 mm)	0.219 in. (5.6 mm)	0.359 in. (9.1 mm)	7/16 - 14 UNC M12
H7	HS-RCN-99*-RN9	0.938 in. (23.8 mm)	1.125 in. (28.6 mm)	1.700 in. (43.2 mm)	0.375 in. (9.5 mm)	1.075 in. (27.3 mm)	5/8 - 11 UNC M16
H8							
H9	N/A	-	-	-	-	-	-
H10							
<b>*Materials:</b>	<b>C</b>	Unplated Carbon Steel (Standard Material)					
	<b>T</b>	AISI 304 Grade Stainless Steel (A2 - 1.4301/1.4305)					
	<b>X</b>	AISI 316 Grade Stainless Steel (A4 - 1.4401/1.4571)					
	<b>Z</b>	Zinc Plated Steel (Special Order)					
<b>Threads:</b>	<b>omit</b>	As ordered above, the weld plates have standard UNC thread					
	<b>-MET</b>	By adding the <b>"-MET"</b> designation after the material designation above, the threads will be metric					

Mounting Rail [RAL-4]							
Grp.	Order Number	W1	W2	T	H	Length	Weight
H3-H7	HS-RA4-99*-XXX	1.563 in. (40 mm)	0.469 in. (12 mm)	0.188 in. (5 mm)	0.875 in. (22 mm)	2ME 1ME	16.8 lbs 8.4 lbs
<b>*Materials:</b>	<b>C</b>	Unplated Carbon Steel (Standard Material)					
	<b>T</b>	AISI 304 Grade Stainless Steel (A2 - 1.4301/1.4305)					
	<b>X</b>	AISI 316 Grade Stainless Steel (A4 - 1.4401/1.4571)					
	<b>Z</b>	Zinc Plated Steel (Special Order)					
<b>XXX Length:</b>	<b>2ME</b>	78 in. (2 mm) length (Standard Length)					
	<b>1ME</b>	36 in. (914 mm) length (special Length)					
		-Custom sizes available on request-					



Mounting Rail [RAL-2]							
Grp.	Order Number	W1	W2	T	H	Length	Weight
H3-H5	HS-RA2-99*-XXX	1.750 in. (44.4 mm)	0.750 in. (19 mm)	0.125 in. (3 mm)	0.750 in. (19 mm)	6FT 3FT	8.7 lbs 4.4 lbs
<b>*Materials:</b>	<b>C</b>	Unplated Carbon Steel (Standard Material)					
	<b>T</b>	AISI 304 Grade Stainless Steel (A2 - 1.4301/1.4305)					
	<b>X</b>	AISI 316 Grade Stainless Steel (A4 - 1.4401/1.4571)					
	<b>Z</b>	Zinc Plated Steel (Special Order)					
<b>XXX Length:</b>	<b>6FT</b>	72 in. (1829 mm) length (Standard Length)					
	<b>3FT</b>	36 in. (914 mm) length (special Length)					
		-Custom sizes available on request-					

Mounting Rail [RAL-3]							
Grp.	Order Number	W1	W2	T	H	Length	Weight
H6	HS-RA3-06*-XXX	2.125 in. (54 mm)	1.000 in. (25.4 mm)	0.125 in. (3 mm)	0.813 in. (20.7 mm)	6FT 3FT	8 lbs 4 lbs
<b>*Materials:</b>	<b>C</b>	Unplated Carbon Steel (Standard Material)					
	<b>T</b>	AISI 304 Grade Stainless Steel (A2 - 1.4301/1.4305)					
	<b>X</b>	AISI 316 Grade Stainless Steel (A4 - 1.4401/1.4571)					
	<b>Z</b>	Zinc Plated Steel (Special Order)					
<b>XXX Length:</b>	<b>6FT</b>	72 in. (1829 mm) length (Standard Length)					
	<b>3FT</b>	36 in. (914 mm) length (special Length)					
		-Custom sizes available on request-					

# Heavy Series Pipe Clamps

## Complete Assembly Ordering Code

chart 1 chart 2 chart 3 chart 4 chart 5 chart 6  
**SH T 41050-PPSB-MET**

Clamp Configuration <span style="float: right;">chart 1</span>	
SH	Single Heavy Complete Clamp for Weld Mounting
DH	Double Heavy Complete Clamp for Weld Mounting
R7H	Complete Clamp for mounting to RAL-4 (H3-H5)
R8H	Complete Clamp for mounting to RAL-4 (H6)
R9H	Complete Clamp for mounting to RAL-4 (H7)
UH	Complete Clamp for mounting to Strut Channel (H3-H6)
HSK	Heavy Stacking Kit
OH	Single Heavy Clamp with no Bottom Plate
BSH	Single Heavy Complete Clamp for Bolt Mounting

Hardware Material <span style="float: right;">chart 2</span>	
Omit	Untreated Carbon Steel
T	AISI 304 Stainless Steel (A2 - 1.4301/1.4305)
X	AISI 316/316Ti Stainless Steel (A4 - 1.4401/1.4571)
Z	Electro-Zinc Dichromate Plating

Clamp Pair Material <span style="float: right;">chart 4</span>	
PP	Polypropylene
SP	Santoprene
AL	Aluminum

Clamp Pair Design <span style="float: right;">chart 5</span>	
Omit	Ribbed Inside
SB	Smooth Bore Inside (groups H3-H6 only)

Threads <span style="float: right;">chart 6</span>	
Omit	UNC Thread (Standard)
MET	Metric Thread

Clamp Group and Size <span style="float: right;">chart 3</span>					
Behringer Group	Pipe Size	Tube Size	Metric OD (mm)	Imperial OD (Inch)	Clamp Halves
H3		1/4	6.4	0.250	3025
		3/8	9.5	0.375	3038
	1/8		10.0	0.405	30405
		1/2	12.7	0.500	3050
	1/4		13.7	0.540	30540
		5/8	16.0	0.620	3062
H4	3/8		17.1	0.675	30675
		3/4	19.0	0.750	4075
			20.0	0.790	4079
	1/2		21.3	0.840	40840
		7/8	22.2	0.875	4087
			25.0	0.984	40984
		1	25.4	1.000	4100
	3/4		26.7	1.050	41050
			30.0	1.181	41181
		1 1/4	32.0	1.250	5125
H5	1		33.4	1.315	51315
		1 1/2	38.1	1.500	5150
	1 1/4		42.2	1.660	51660
			42.2	1.660	61315
H6	1 1/4		42.2	1.660	61660
		1 3/4	44.5	1.750	6175
	1 1/2		48.3	1.900	61900
		2	50.8	2.000	6200
		2 1/8	54.0	2.125	62125
		2 1/4	57.2	2.250	6225
	2		60.3	2.375	62375
		2 1/2	63.5	2.500	6250
		2 3/4	69.9	2.750	6275
		2 3/4	69.9	2.750	7275
H7	2 1/2		73.0	2.875	72875
		3	76.2	3.000	7300
	3	3 1/2	88.9	3.500	7350
H8	3	3 1/2	88.9	3.500	83500
		4	102	4.000	8400
	4	4 1/2	114	4.500	8450
		5	127	5.000	8500
H9		5	127	5.000	9500
		5 1/4	133	5.250	9525
	5		141	5.563	95563
		6	152	6.000	9600
	6		168	6.625	96625
H10	6		168	6.625	06625
		7	178	7.000	0700
		8	203	8.000	0800
	8		219.0	8.625	08625


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# Heavy Series Pipe Clamps

## Ordering Examples

**Single Clamp for Weld Mounting**

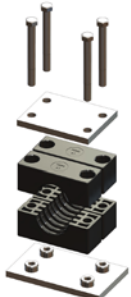
**SH**



**Consists of:**  
2 HEX bolts  
1 SCP Cover Plate  
1 CLH Clamp Set (2 halves)  
1 SWP Weld Plate

**Double Clamp for Weld Mounting**


**DH**



**Consists of:**  
4 HEX bolts  
1 DCP Double Cover Plate  
2 CLH Clamp Sets (4 halves)  
1 DWP Double Weld Plate

**Rail Mounting [groups H3-H6]**

**R7H  
R8H**



**Consists of:**  
2 HEX bolts  
1 SCP Cover Plate  
1 CLH Clamp Set (2 halves)  
2 RCN Rail Nuts  
groups H3-H5 use RCN-7  
group H6 uses RCN-8

**Rail Mounting [group H7]**

**R9H**



**Consists of:**  
2 HEX bolts  
1 SCP Cover Plate  
1 CLH Clamp Set (2 halves)  
1 SPL Spacer Plate  
2 RCN-9 Rail Nuts

**Stacking kit**


**HSK**



**Consists of:**  
2 STB Stacking bolts  
1 SAF Safety Plate  
1 CLH Clamp Set (2 halves)

**Strut Mounting [groups H3-H6]**

**UH**



**Consists of:**  
2 HEX bolts  
1 SCP Cover Plate  
1 CLH Clamp Set (2 halves)  
2 UCN Strut Clip Nuts