

Rugged two part clamps, suitable for installation as rigid supports or guides for plain or insulated vertical pipe. WEICCO offers special intermediate sizes to suit any insulated pipe OD.

Product Features

- Riser clamps provide a safe and effective means of ensuring lateral stability while permitting axial thermal expansion / contraction when installed as pipe guides.
- Besides the table below, we offer **intermediate sizes** designed to closely fit the effective pipe OD for any insulation thickness.
- Available **EPDM lined** - to prevent contact between dissimilar materials (if used with non-ferrous pipe), minimise condensation and provide noise attenuation. Lining has a temperature range of -20°C to 110°C.
- Custom designed extended riser clamps, suitable for connection to spring hangers, acoustic anchors and guides etc. are also available (MSS-SP58 Type 42).

Material : Steel

Finish : Electro galvanised post manufacture

Options : EPDM Lined (suffix 'R')

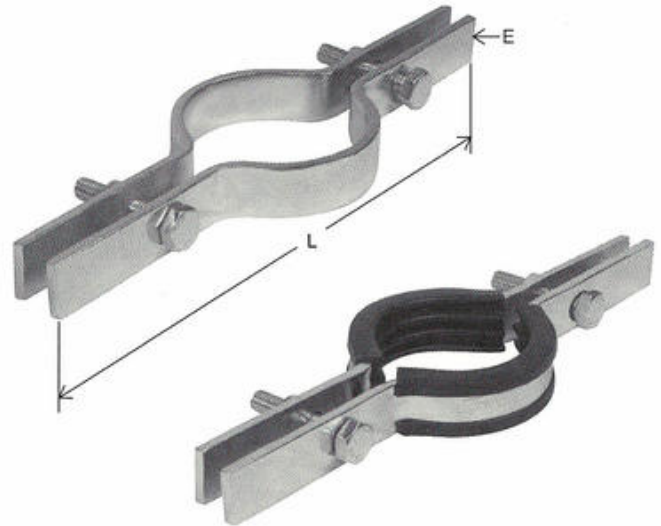
Epoxy Powder Coated finish (suffix 'P')

Hot Dip Galvanised finish (suffix 'HDG')

Stainless Steel construction (suffix 'SS')

Installation Guidelines

- Where the clamp is to serve as a guide, it should be adjusted to maintain light contact with the pipe rather than a firm grip. Tubular bolt sleeves may be inserted between the two clamp halves in order to enable this.
- When used as a rigid support subject to vertical load, the clamp should preferably be fitted below a coupling or welded shear lugs. The clamp may also be welded directly to the pipe after final positioning.



Compliance - US Standards MSS-SP58 (Type 8), MSS-SP69; EG to ASTM B633 SC3, BS1706 FE/ZN12

Selection / Ordering

- For usage with plain piping other than steel, please provide details of pipe material and OD.
- For insulated pipe, please specify effective OD or pipe size plus insulation thickness. Standard (as below) or intermediate models will be selected as appropriate.
- Where WEICCO Rubber Support Inserts (RSI) are used, specifying 'matching WVC clamps' will suffice.
- Provide application details and specify design loads to order custom-made extended riser clamps (WVC-E).

SELECTION TABLE FOR RISER CLAMPS

Model	Steel Pipe Nominal	L (mm)	Bolt Size	Max. Load (Kg)
WVC 25	1"	230	3/8" x 1-1/2"	140
WVC 30	1 1/4"	260	3/8" x 1-1/2"	140
WVC 40	1 1/2"	260	3/8" x 1-1/2"	140
WVC 50	2"	260	3/8" x 1-1/2"	140
WVC 65	2 1/2"	290	3/8" x 2"	370
WVC 75	3"	290	3/8" x 2"	370
WVC 88	3 1/2"	330	3/8" x 2"	370
WVC 100	4"	330	1/2" x 2"	370
WVC 125	5"	350	1/2" x 2-1/2"	710
WVC 150	6"	380	1/2" x 2-1/2"	710
WVC 200	8"	470	5/8" x 3"	900
WVC 250	10"	520	5/8" x 3"	1150
WVC 300	12"	580	5/8" x 3"	1350
WVC 350	14"	610	5/8" x 3"	1350
WVC 400	16"	660	3/4" x 4"	1900
WVC 450	18"	710	3/4" x 4"	1900
WVC 500	20"	760	3/4" x 4"	1900
WVC 600	24"	880	7/8" x 4"	2400
WVC 750	30"	1040	7/8" x 4"	2400
WVC 900	36"	1210	1" x 4-1/2"	3200

Recommended Maximum Bolt Tightening Torque

Bolt Size	Torque (N·m)
3/8"	28
1/2"	62
5/8"	136
3/4"	203
7/8"	258
1"	380