



Bolted Pipe Couplings

- Standard seal type included

Join plain, unthreaded pipe ends without the need for welding or for special pipe fittings. Often used in industrial systems to connect pipe together in general plumbing applications.

Flanged Carbon Steel—Feature a bolted flange and a sleeve-type design. Join plain-end pipe of the same outside diameter and absorb vibration.

Flanged Ductile Iron—Lightweight, and feature a bolted flange and a sleeve-type design. Join plain-end pipe with different outside diameters that fall within the range that the coupling will accommodate and reduce the need to keep a large inventory of coupling sizes.



**Flanged Ductile Iron
5ENH5**



**Slide-On
Stainless Steel
5MTC2**

Fitting Nominal Pipe Size	Overall Length	Bolt Hole Diameter	No. of Bolts	For Movement Type	Seal Material	Brand	Item No.
Flanged Carbon Steel Couplings, Max. Press.: 150 psi							
Coupling: Epoxy Coated Steel; Bolt: Alloy Steel							
1½ in	5 in	½ in	2	Vibration	Nitrile	Smith-Blair	4NWX6
2 in	5 in	½ in	2	Vibration	Nitrile	Smith-Blair	4NWX8
2 in	7 in	½ in	2	Vibration	Nitrile	Smith-Blair	4NWX9
2 in	10 in	½ in	3	Vibration	Nitrile	Smith-Blair	4NWX1
3 in	5 in	¾ in	3	Vibration	Nitrile	Smith-Blair	4NWX2
4 in	5 in	¾ in	4	Vibration	Nitrile	Smith-Blair	4NWX5
4 in	7 in	¾ in	4	Vibration	Nitrile	Smith-Blair	4NWX6
Flanged Ductile Iron Couplings, Max. Press.: 250 psi							
Coupling: Epoxy Coated Ductile Iron; Bolt: Alloy Steel							
2½ in	11 in	¾ in	2	Vibration	Nitrile	Smith-Blair	5ENH4
3 in	11 in	¾ in	4	Vibration	Nitrile	Smith-Blair	5ENH5
4 in	11 in	¾ in	4	Vibration	Nitrile	Smith-Blair	5ENH6
6 in	11 in	¾ in	4	Vibration	Nitrile	Smith-Blair	5ENH7
8 in	11 in	¾ in	4	Vibration	Nitrile	Smith-Blair	5ENH8
Slide-On Stainless Steel Restraint Couplings, Max. Press.: 232 psi							
Coupling: Polished 316 Stainless Steel; Bolt: 316 Stainless Steel							
1 in	1 ¾ in	—	2	Axial	Nitrile	Straub	452Y11
2 in	3 in	—	2	Axial	EPDM	Straub	5MTA9
2 in	3 in	—	2	Axial	Nitrile	Straub	452Y14
2½ in	3 1/8 in	—	2	Axial	EPDM	Straub	5MTC0
3 in	3 1/8 in	—	2	Axial	EPDM	Straub	5MTC1
4 in	3 1/8 in	—	2	Axial	EPDM	Straub	5MTC2
5 in	4 3/8 in	—	2	Axial	EPDM	Straub	5MTC3
Wrap-Around Stainless Steel Couplings, Max. Press.: 232 psi							
Coupling: Polished 316 Stainless Steel; Bolt: Galvanized Steel							
3 in	3 1/8 in	—	2	Axial	EPDM	Straub	5MTC9
4 in	3 1/8 in	—	2	Axial	EPDM	Straub	5MTD0
6 in	4 3/8 in	—	2	Axial	EPDM	Straub	5MTD2



C-Clamp Style Beam Clamps

C-clamps have a "C" shape for fastening to the flanged edge of a structural beam. Provide an offset from the beam when space is needed between the threaded rod and the beam. Mount to the flanged edge of a beam to fasten and hold a threaded rod which connects to other components that hold suspended pipe and tube systems.



For Beam Shape/Type	Beam Mount Location	Throat Depth	For Threaded Rod Size	Load Capacity	Clamp Width	Clamp Length	Brand	Item No.
C-Clamp								
305 Stainless Steel								
C-Purlin, H-Beam, I-Beam	Top	—	¾ in	500 lb	0.88 in	0.75 in	Nvent Caddy	1RVR5
	Top	—	½ in	1,130 lb	0.88 in	0.75 in	Nvent Caddy	1RVR6
Ductile Iron								
H-Beam	Bottom, Top	¾ in	½ in	500 lb	1.06 in	2.13 in	Anvil	4HYE6
Electro-Galvanized Cast Iron								
C-Purlin, H-Beam, I-Beam	Bottom	—	¼ in	250 lb	0.81 in	0.75 in	Nvent Caddy	1XJR3
H-Beam	Bottom, Top	—	¾ in	500 lb	1.13 in	0.75 in	Nvent Caddy	1RUY3
H-Beam, I-Beam	Bottom, Top	—	½ in	950 lb	1.13 in	0.75 in	Nvent Caddy	1RUY4
Electroplated Malleable Iron								
H-Beam	Top	½ in	½ in	810 lb	1.7 in	2 in	—	22FP79
Galvanized Ductile Iron								
H-Beam	Bottom, Top	¾ in	¾ in	500 lb	0.81 in	1.81 in	Anvil	4HYE5
	Bottom, Top	¾ in	¾ in	500 lb	1.06 in	2.13 in	Anvil	4HYE7
Galvanized Malleable Iron								
H-Beam	Top	¾ in	¾ in	400 lb	2 in	2.2 in	—	22FP81
Malleable Iron								
	Bottom	¾ in	¾ in	400 lb	—	1.75 in	Anvil	4HYF7
	Bottom	¾ in	¾ in	400 lb	—	1.75 in	Anvil	4HYF9
	Bottom	¾ in	¾ in	440 lb	—	2 in	Anvil	4HYF3
	Bottom	¾ in	¾ in	500 lb	—	2 in	Anvil	4HYF5
	Top	¾ in	¾ in	500 lb	1.7 in	2.5 in	—	22FP80
	Top	¾ in	¾ in	400 lb	2.8 in	3 in	—	22FP83
Stainless Steel								
H-Beam, I-Beam	Bottom, Top	—	¾ in	500 lb	1 in	1.25 in	Nvent Caddy	1RUY5
Zinc-Plated Ductile Iron								
	Bottom	¾ in	¾ in	1,200 lb	1 in	2 in	Anvil	4HYG7
	Bottom	¾ in	¾ in	1,600 lb	1.19 in	2 in	Anvil	4HYG9
	Bottom, Top	1 ¼ in	¾ in	500 lb	0.81 in	1.75 in	Anvil	4HYE8
	Bottom, Top	1 ¼ in	½ in	500 lb	1.06 in	1.75 in	Anvil	4HYE9
Zinc-Plated Malleable Iron								
	Bottom	¾ in	¾ in	400 lb	—	1.75 in	Anvil	4HYF8
	Bottom	¾ in	¾ in	400 lb	—	1.75 in	Anvil	4HYF2
	Bottom	¾ in	¾ in	440 lb	—	1.75 in	Anvil	4HYG1
	Bottom	¾ in	¾ in	440 lb	—	2 in	Anvil	4HYF4
	Bottom	¾ in	¾ in	400 lb	—	2 in	Anvil	4HYF6
Zinc-Plated Steel								
	Bottom	—	¾ in	230 lb	—	2.25 in	Anvil	4HYH1
	Bottom	—	½ in	1,350 lb	—	2.25 in	Anvil	4HYH2
	Bottom	¾ in	¾ in	400 lb	—	2.25 in	Anvil	4HYF1
Purlin Clamp								
Cast Iron								
C-Purlin	Bottom, Top	—	¾ in	400 lb	1.5 in	2 in	Nvent Caddy	1RUY7
Purlin Clamp with Swivel								
Electro-Galvanized Steel								
C-Purlin	Bottom	—	¼ in	200 lb	3.25 in	3.25 in	Nvent Caddy	1RVG3
	Bottom	—	¾ in	200 lb	3.25 in	3.25 in	Nvent Caddy	1RVG4