



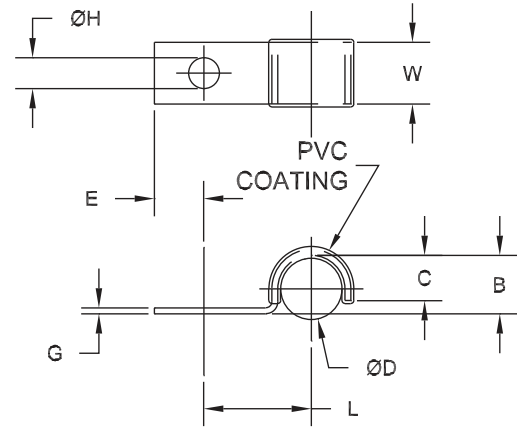
Clip Specifications

Diameter: 3/16" - 1"
Bolt Size: #10 - 3/8"
Coating: Black Vinyl Plastisol Coating Per SAE J200
 0.032" Thick ± .015"
Notes: Used to hold pipe, conduit, tubing or wires against a solid surface.

Material Code: A - ASTM A653 CS Type B G90 Galvanized Steel
 B - ASTM A1008 CS Type B Low Carbon Steel Zinc Plate per ASTM B633 Fe/Zn 8 Type VI Yellow

Part Number Call Out

F413-008 A Half Clip Coated, Galv, 1/2" Dia, 5/16" Bolt
 Material Code
 Base Part Number



Base Part Number	D	H	L	W	E	B	G	C
	Clamping Diameter	Hole Diameter	Center to Center	Width	Hole Center to End	Gap	Material Thickness	Closure
	± .015	± .005	± .031	± .010	± .015	± .015	± .002	± .015
F411-003	0.187	0.218	0.437	0.500	0.250	0.188	0.032	0.156
F412-003	0.187	0.281	0.437	0.500	0.250	0.188	0.032	0.156
F411-004	0.250	0.218	0.500	0.500	0.250	0.250	0.048	0.188
F412-004	0.250	0.281	0.500	0.500	0.250	0.250	0.048	0.188
F413-004	0.250	0.343	0.500	0.625	0.250	0.250	0.048	0.188
F411-005	0.312	0.218	0.531	0.625	0.312	0.312	0.048	0.218
F412-005	0.312	0.281	0.531	0.625	0.312	0.312	0.048	0.218
F413-005	0.312	0.343	0.687	0.625	0.343	0.312	0.060	0.218
F414-005	0.312	0.406	0.687	0.750	0.343	0.312	0.060	0.218
F411-006	0.375	0.218	0.562	0.625	0.312	0.375	0.048	0.281
F412-006	0.375	0.281	0.562	0.625	0.312	0.375	0.048	0.281
F413-006	0.375	0.343	0.687	0.625	0.375	0.375	0.060	0.281
F414-006	0.375	0.406	0.687	0.750	0.375	0.375	0.060	0.281
F411-007	0.437	0.218	0.625	0.625	0.312	0.437	0.060	0.312
F412-007	0.437	0.281	0.625	0.625	0.312	0.437	0.060	0.312
F413-007	0.437	0.343	0.687	0.625	0.375	0.437	0.060	0.312
F414-007	0.437	0.406	0.687	0.750	0.375	0.437	0.060	0.312
F411-008	0.500	0.218	0.687	0.625	0.312	0.500	0.060	0.343
F412-008	0.500	0.281	0.687	0.625	0.312	0.500	0.060	0.343
F413-008	0.500	0.343	0.750	0.625	0.375	0.500	0.060	0.343
F414-008	0.500	0.406	0.750	0.750	0.375	0.500	0.060	0.343
F411-009	0.562	0.218	0.750	0.625	0.312	0.562	0.060	0.437
F412-009	0.562	0.281	0.750	0.625	0.312	0.562	0.060	0.437
F413-009	0.562	0.343	0.812	0.625	0.375	0.562	0.060	0.437
F414-009	0.562	0.406	0.812	0.750	0.375	0.562	0.060	0.437
F411-010	0.625	0.218	0.812	0.625	0.312	0.625	0.060	0.406
F412-010	0.625	0.281	0.812	0.625	0.312	0.625	0.060	0.406
F413-010	0.625	0.343	0.875	0.625	0.375	0.625	0.060	0.406
F414-010	0.625	0.406	0.875	0.750	0.375	0.625	0.060	0.406



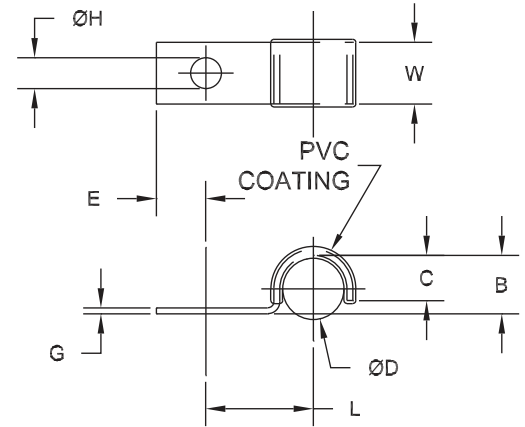
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	± .015	± .005	± .031	± .010	± .015	± .015	± .002	± .015
F411-011	0.687	0.218	0.812	0.625	0.312	0.687	0.060	0.437
F412-011	0.687	0.281	0.812	0.625	0.312	0.687	0.060	0.437
F413-011	0.687	0.343	0.875	0.625	0.375	0.687	0.060	0.437
F414-011	0.687	0.406	0.875	0.750	0.375	0.687	0.060	0.437
F411-012	0.750	0.218	0.875	0.625	0.312	0.750	0.060	0.468
F412-012	0.750	0.281	0.875	0.625	0.312	0.750	0.060	0.468
F413-012	0.750	0.343	0.937	0.625	0.375	0.750	0.060	0.468
F414-012	0.750	0.406	0.937	0.750	0.375	0.750	0.060	0.468
F412-013	0.812	0.281	0.937	0.750	0.375	0.812	0.060	0.531
F413-013	0.812	0.343	0.937	0.750	0.375	0.812	0.060	0.531
F414-013	0.812	0.406	0.937	0.750	0.375	0.812	0.060	0.531
F412-014	0.875	0.281	0.968	0.750	0.437	0.812	0.060	0.593
F413-014	0.875	0.343	0.968	0.750	0.437	0.812	0.060	0.593
F414-014	0.875	0.406	0.968	0.750	0.437	0.812	0.060	0.593
F412-015	0.937	0.281	1.000	0.750	0.437	0.937	0.060	0.625
F413-015	0.937	0.343	1.000	0.750	0.437	0.937	0.060	0.625
F414-015	0.937	0.406	1.000	0.750	0.437	0.937	0.060	0.625
F412-016	1.000	0.281	1.062	0.750	0.437	1.000	0.060	0.687
F413-016	1.000	0.343	1.062	0.750	0.437	1.000	0.060	0.687
F414-016	1.000	0.406	1.062	0.750	0.437	1.000	0.060	0.687



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