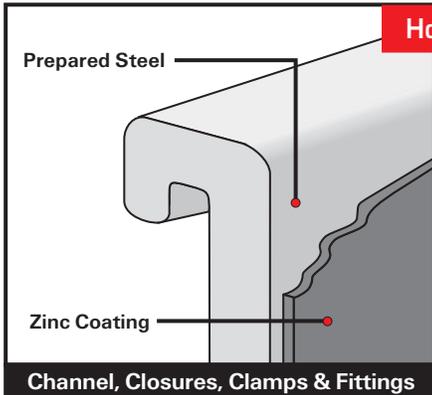


Pregalvanized (PG)

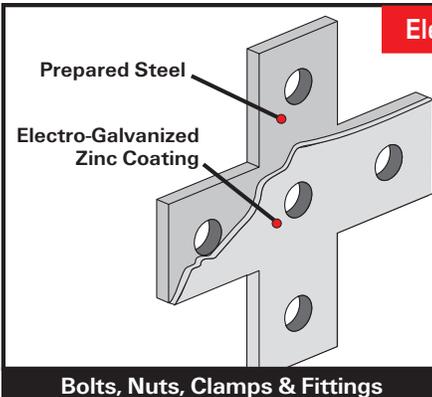
Material (steel strip) is coated with zinc by hot-dip process prior to roll-forming or press operations.

The zinc coating conforms to ASTM A653, Grade 90 General Requirement for Steel Sheet, Zinc-Coated (Galvanized) by Hot Dip Process.



Hot-Dipped Galvanized (HG)

Material is coated with zinc after being roll-formed or after all manufacturing operations are completed, conforming to ASTM specification No. A123 or A153.

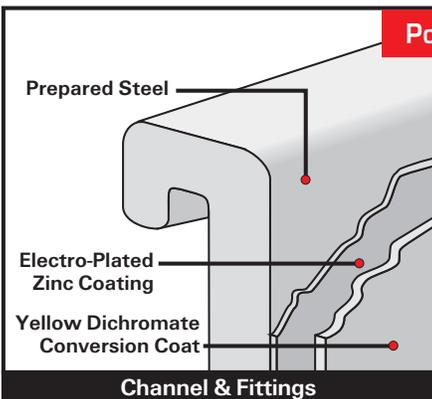


Electro-Galvanized (EG)

Fittings and hardware are electrolytically coated with zinc to commercial standards (ASTM-B633 Type III C1).

SC1 (mild) has a Zinc coating of 0.2 and is recommended for dry indoor use. SC1 is the standard finish thickness.

SC3 (Severe) has a Zinc coating of 0.5 mill and is the standard finish thickness only on UL Listed raceway products.



Power-Gold (ZD)

A Electro-galvanized zinc plate is applied with a cohesive molecular bond to the steel base metal, in compliance with the ASTM B633 standard. Yellow Dichromate is applied over the zinc and results in a gold appearance which acts as a nonporous barrier sealant.

SC1 (mild) has a Zinc coating of 0.2 and is recommended for dry indoor use. SC1 is the standard finish thickness

SC3 (Severe) has a Zinc coating of 0.5 mill and is the standard finish thickness only on UL Listed raceway products.

ZINC COATING

Power-Strut products are available in four types of zinc coatings:

- Electroplated (EG)
- Pregalvanized (PG)
- Hot-Dipped Galvanized (HG)
- Yellow Dichromate (ZD)

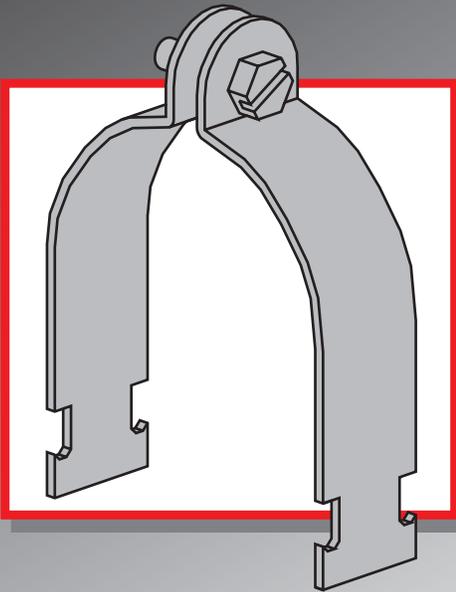
Zinc coatings offer two types of protection:

1. **Barrier:** The zinc coating protects the steel substrate from direct contact with the environment.
2. **Sacrificial:** The zinc coating will protect scratches, cut edges, etc. through an anodic sacrificial process.

The service life of zinc coating is directly related to the zinc coating thickness as shown below.

COMPARISON OF ZINC GALVANIZED FINISHES

Finish	Zinc Thickness
Hot-Dipped Galvanized	2.6 MIL
Pregalvanized	0.75 MIL
Electro-Galvanized (SC1)	0.2 MIL
Electro-Galvanized (SC3)	0.5 MIL
Power-Gold (SC1)	0.2 MIL
Power-Gold (SC3)	0.5 MIL



PIPE & CONDUIT CLAMPS

Power-Strut pipe, conduit and O.D. tubing clamps are formed in punch press dies in a wide selection of sizes to meet every requirement.

MATERIAL:

Power-Strut pipe, conduit and O.D. tubing clamps are made on punch press dies from hot rolled, pickled and oiled steel which conforms to the ASTM A-1008, A-1011 SS, A-575 and A-576 standards. Select sizes of O.D. tubing clamps are available in stainless steel or aluminum.

STANDARD FINISH:

All steel clamps are electro-galvanized. Select sizes of O.D. tubing clamps are available in copper plated finish. PVC coatings are available upon special request.

ORDERING INFORMATION:

When ordering, add the length or size and finish to the part number. See pages 8-9 for finish abbreviations and an example.

RECOMMENDED BOLT TORQUE:

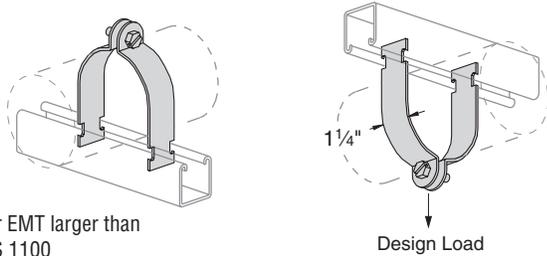
Bolt Size	1/4"-20	5/16"-18	3/8"-16	1/2"-13	5/8"-11	3/4"-10
Rec. Torque Ft/Lbs	6	11	19	50	100	125
Max. Torque Ft/Lbs	7	15	25	70	125	135

PIPE & CONDUIT CLAMPS

Finish: Electro-galvanized Order By: No., and Finish



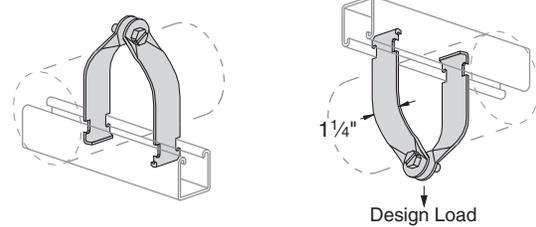
PS 1000 – EMT Conduit Clamp



Note: For EMT larger than 2" use PS 1100

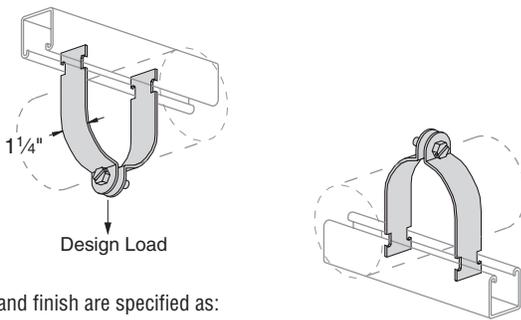
EMT Size	Stock Thickness	Hanging Load Rating/lbs.	Wt./100 pcs
1/2"	.060	400	11
3/4"			12
1"	.075	600	15
1 1/4"			18
1 1/2"	.105	800	29
2"			33

PS 1300 – Universal Clamp for EMT, IMC & GRC



Nominal Size	Fits O.D.	Stock Thickness	Hanging Load Rating/lbs.	Wt./100 pcs
1/2"	0.706-0.840	.060	250	10
3/4"	0.922-1.050	.060	400	11
1"	1.163-1.315			12
1 1/4"	1.510-1.660	.075	400	18
1 1/2"	1.740-1.900	.075	500	20
2"	2.197-2.375			22

PS 1100, PS 1116, PS 1117 – Standard Pipe Clamp (GRC, IMC and SCH 40/SCH 80 steel pipe)

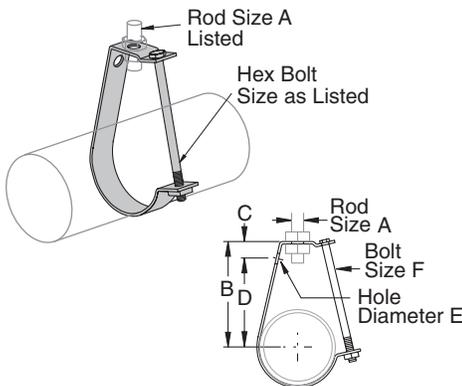


Material and finish are specified as:

- 1100 AL Alum. clamp, EG fasteners
- 1100 HG Clamp, Stainless Steel fasteners
- 1116 Alum. clamp and fasteners
- 1117 Alum. clamp, Stainless Steel fasteners
- 1100SS Stainless Steel clamp and fasteners

Pipe Size	Stock Thickness	Hanging Load Rating/lbs.	Wt./100 pcs
3/8"	.060	400	10
1/2"			11
3/4"	.075	600	15
1"			17
1 1/4"			19
1 1/2"	.105	800	29
2"			34
2 1/2"			40
3"			47
3 1/2"	.125	1,000	62
4"			67
5"			80
6"			102
8"			130
10"	.135	1,000	143
12"			174

PS 67 – "J" Pipe or Conduit Hanger



Notes:
 Plastic Coated hanger is available ("N" Suffix).
 Please contact factory for additional information.
 Maximum operating temperature is 300°F
 Minimum safety factor of five (5) on ultimate load.

Conduit Size	A Rod Size	B	C	D	E	F	Load Rating/lbs.	Wt./100 pcs
1/2"	3/8	2 5/8	1	2	1 3/32	1/4 x 2 1/4	400	20
3/4"		2 7/8		2 1/4				21
1"		3		2 3/8		1/4 x 2 1/2		24
1 1/4"		3 1/4		2 1/2		1/4 x 2 3/4		27
1 1/2"	1/2	3 1/2	1 1/8	2 5/8	9/16	1/4 x 3	800	29
2"		3 3/4		2 5/8		1/4 x 3 1/2		33
2 1/2"		4 3/8		3 5/8		3/8 x 4 1/2		71
3"		4 7/8		4		3/8 x 5		78
3 1/2"	5/8	5 5/8	1 1/8	4 1/4	5/16	3/8 x 6	1,200	85
4"		6 1/8		5 1/8		3/8 x 7 1/2		178
5"		6 3/4		5 3/4		3/8 x 8 1/2		199
6"		7 3/4		1 1/4		6 1/2		3/8 x 10
8"	7 7/8	9 1/4	1 1/4	8			1,200	449