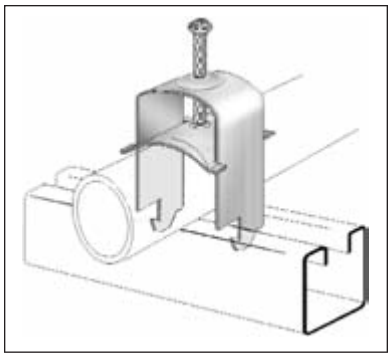
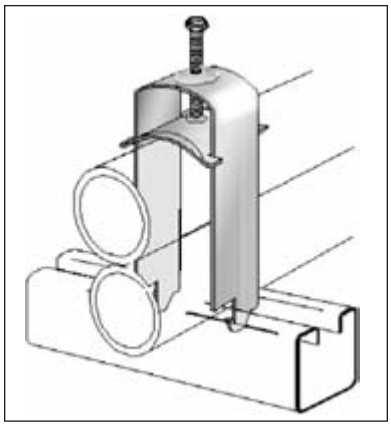
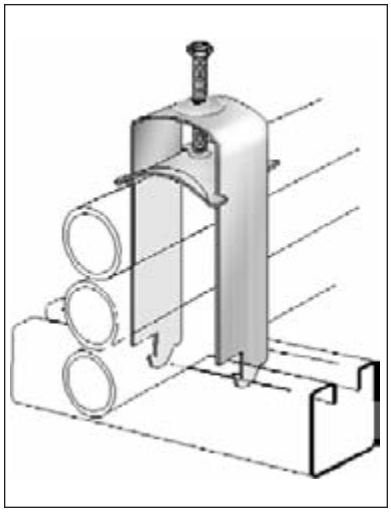


Single "P" Clamp



Double "P" Clamp



Triple "P" Clamp

Standard Material and Finish:
Mild Steel, Electro-Galvanized and Aluminum.

For 316 Stainless Steel add Suffix 'X' to Steel Number.

"P" Clamps (Steel)

PART ID	PART DESCRIPTION	Wt. Kg/C
CR55	CLAMP SINGLE ZP 0.05 - 0.55 O.D.	3.63
CR81	CLAMP SINGLE ZP 0.31 - 0.81 O.D.	4.08
CR110	CLAMP SINGLE ZP 0.70 - 1.10 O.D.	4.54
CR135	CLAMP SINGLE ZP 0.85 - 1.35 O.D.	4.77
CR175	CLAMP SINGLE ZP 1.25 - 1.75 O.D.	5.00
CR205	CLAMP SINGLE ZP 1.55 - 2.05 O.D.	7.70
CR250	CLAMP SINGLE ZP 2.00 - 2.50 O.D.	9.53
CR300	CLAMP SINGLE ZP 2.50 - 3.00 O.D.	21.80
CR325	CLAMP SINGLE ZP 2.75 - 3.25 O.D.	24.50
CR375	CLAMP SINGLE ZP 3.25 - 3.75 O.D.	47.60
CR425	CLAMP SINGLE ZP 3.75 - 4.25 O.D.	49.90
CR475	CLAMP SINGLE ZP 4.25 - 4.75 O.D.	56.70

"P" Clamps (Aluminum)

PART ID	PART DESCRIPTION	Wt. Kg/C
CR55A	CLAMP SINGLE AL 0.05 - 0.55 O.D.	2.27
CR81A	CLAMP SINGLE AL 0.31 - 0.81 O.D.	2.72
CR110A	CLAMP SINGLE AL 0.70 - 1.10 O.D.	2.97
CR135A	CLAMP SINGLE AL 0.85 - 1.35 O.D.	3.17
CR175A	CLAMP SINGLE AL 1.25 - 1.75 O.D.	3.63
CR205A	CLAMP SINGLE AL 1.55 - 2.05 O.D.	5.44
CR250A	CLAMP SINGLE AL 2.00 - 2.50 O.D.	6.35
CR300A	CLAMP SINGLE AL 2.50 - 3.00 O.D.	6.80
CR325A	CLAMP SINGLE AL 2.75 - 3.25 O.D.	8.16
CR375A	CLAMP SINGLE AL 3.25 - 3.75 O.D.	9.53
CR425A	CLAMP SINGLE AL 3.75 - 4.25 O.D.	10.90
CR475A	CLAMP SINGLE AL 4.25 - 4.75 O.D.	15.80

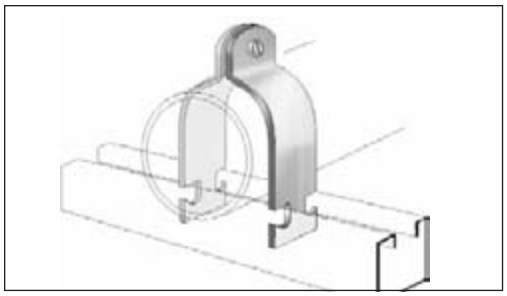
Note: Double and Triple Conductor Clamps are also available – prices on request. 316 Stainless Steel Clamps – prices on request.

For Double add '-2' to Part Number
For Triple add '-3' to Part Number

FOR OTHER SIZES OR FINISHES PLEASE CONTACT FACTORY

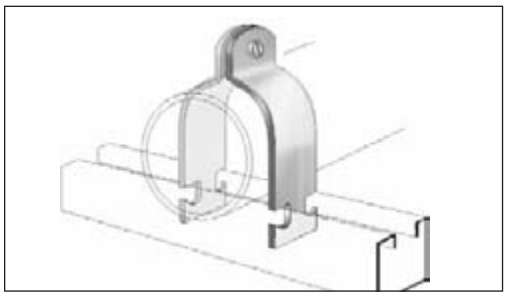
Standard Material and Finish:
Mild Steel, Electro-Galvanized and Aluminum.

For 316 Stainless Steel add suffix 'X' to Steel Number.



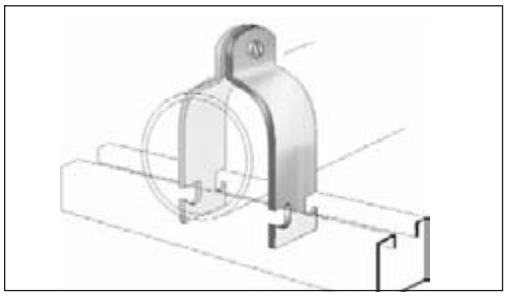
For Thin Wall Steel Conduit (E.M.T.)

PART ID	DESCRIPTION
CR1025	CLAMP ZP 3/8 EMT CONDUIT 2PC
CR1026	CLAMP ZP 1/2 EMT CONDUIT 2PC.
CR1027	CLAMP ZP 3/4 EMT CONDUIT 2PC.
CR1028	CLAMP ZP 1 EMT CONDUIT 2PC.
CR1029	CLAMP ZP 1.25 EMT CONDUIT 2PC.
CR1030	CLAMP ZP 1.50 EMT CONDUIT 2PC.
CR1031	CLAMP ZP 2 EMT CONDUIT 2PC.



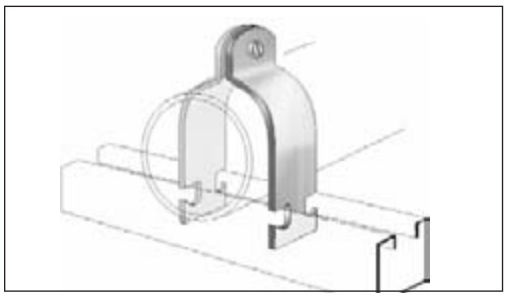
For Rigid Steel Conduit

PART ID	DESCRIPTION
CR1125	CLAMP ZP 3/8 RIGID CONDUIT 2PC.
CR1126	CLAMP ZP 1/2 RIGID CONDUIT 2PC.
CR1127	CLAMP ZP 3/4 RIGID CONDUIT 2PC.
CR1128	CLAMP ZP 1 RIGID CONDUIT 2PC.
CR1129	CLAMP ZP 1.25 RIGID CONDUIT 2PC.
CR1130	CLAMP ZP 1.50 RIGID CONDUIT 2PC.
CR1131	CLAMP ZP 2 RIGID CONDUIT 2PC.
CR1132	CLAMP ZP 2.50 RIGID CONDUIT 2PC.
CR1133	CLAMP ZP 3 RIGID CONDUIT 2PC.
CR1134	CLAMP ZP 3.50 RIGID CONDUIT 2PC.
CR1135	CLAMP ZP 4 RIGID CONDUIT 2PC.
CR1136	CLAMP ZP 4.5 RIGID CONDUIT 2PC.
CR1137	CLAMP ZP 5 RIGID CONDUIT 2PC.
CR1138	CLAMP ZP 6 RIGID CONDUIT 2PC.
CR1140	CLAMP ZP 8 RIGID CONDUIT 2PC.



For Thin Wall Aluminum Conduit (E.M.T.)

PART ID	DESCRIPTION
CR1025A	CLAMP AL 3/8 EMT CONDUIT 2PC.
CR1026A	CLAMP AL 1/2 EMT CONDUIT 2PC.
CR1027A	CLAMP AL 3/4 EMT CONDUIT 2PC.
CR1028A	CLAMP AL 1 EMT CONDUIT 2PC.
CR1029A	CLAMP AL 1.25 EMT CONDUIT 2PC.
CR1030A	CLAMP AL 1.50 EMT CONDUIT 2PC.
CR1031A	CLAMP AL 2 EMT CONDUIT 2PC.



For Rigid Aluminum Conduit

PART ID	DESCRIPTION
CR1125A	CLAMP AL 3/8 RIGID CONDUIT 2PC.
CR1126A	CLAMP AL 1/2 RIGID CONDUIT 2PC.
CR1127A	CLAMP AL 3/4 RIGID CONDUIT 2PC.
CR1128A	CLAMP AL 1 RIGID CONDUIT 2PC.
CR1129A	CLAMP AL 1.25 RIGID CONDUIT 2PC.
CR1130A	CLAMP AL 1.50 RIGID CONDUIT 2PC.
CR1131A	CLAMP AL 2 RIGID CONDUIT 2PC.
CR1132A	CLAMP AL 2.50 RIGID CONDUIT 2PC.
CR1133A	CLAMP AL 3 RIGID CONDUIT 2PC.
CR1134A	CLAMP AL 3.50 RIGID CONDUIT 2PC.
CR1135A	CLAMP AL 4 RIGID CONDUIT 2PC.
CR1136A	CLAMP AL 4.5 RIGID CONDUIT 2PC.
CR1137A	CLAMP AL 5 RIGID CONDUIT 2PC.
CR1138A	CLAMP AL 6 RIGID CONDUIT 2PC.
CR1140A	CLAMP AL 8 RIGID CONDUIT 2PC.

FOR OTHER SIZES OR FINISHES PLEASE CONTACT FACTORY

Channel Section Properties

Channel	Weight		Areas of Section		X – X Axis Moment of Inertia (I)		X – X Axis Section Modulus (S)		X – X Axis Radius of Gyration (R)		Y – Y Axis Moment of Inertia (I)		Y – Y Axis Section Modulus (S)		Y – Y Axis Radius of Gyration (R)	
	lb./ft.	kg/m	sq. in.	cm^2	in^4	cm^4	in^3	cm^3	in	cm	in^4	cm^4	in^3	cm^3	in	cm
CR150	2.47	3.67	0.727	4.69	.5203	21.65	.3927	6.43	.852	2.16	.3306	13.76	.4068	6.66	.679	1.72
CR151	4.94	7.35	1.453	9.37	2.8132	117.091	1.1541	18.91	1.402	3.56	.6611	27.52	.8137	13.33	.679	1.72
CR200	1.90	2.83	.559	3.61	.1850	7.70	.2042	3.34	.580	1.47	.2340	9.74	.2880	4.72	.653	1.66
CR201	3.80	5.65	1.118	7.21	.9379	39.04	.5772	9.46	.924	2.34	.4681	19.48	.576	9.44	.653	1.66
CR220	1.42	2.1	.435	2.80	.155	6.46	.162	2.65	.577	1.465	.191	7.93	.266	4.36	.677	1.72
CR210	1.16	1.73	.342	2.20	.125	5.60	.140	2.29	.604	1.53	.151	6.65	.186	3.04	.665	1.69

Add suffix to part number: B=Bare Steel G=HDG P=Pregalv.

Channel	Weight		Areas of Section		X – X Axis Moment of Inertia (I)		X – X Axis Section Modulus (S)		X – X Axis Radius of Gyration (R)		Y – Y Axis Moment of Inertia (I)		Y – Y Axis Section Modulus (S)		Y – Y Axis Radius of Gyration (R)	
	lb./ft.	kg/m	sq. in.	cm^2	in^4	cm^4	in^3	cm^3	in	cm	in^4	cm^4	in^3	cm^3	in	cm
CR400	1.44	2.14	.424	2.73	.0533	2.22	.0923	1.51	.356	.90	.1598	6.65	.1967	3.22	.616	1.56
CR401	2.88	4.28	.847	5.46	.2570	10.70	.2570	4.21	.552	1.40	.3196	13.30	.3933	6.44	.616	1.56
CR500	.97	1.44	.285	1.84	.0262	1.09	.0558	.91	.298	.75	.1096	4.56	.1096	2.21	.609	1.54
CR501	1.94	2.89	.571	3.68	.1217	5.06	.1498	2.45	.454	1.15	.2191	9.12	.2697	4.42	.609	1.54
CR510	.83	1.23	2.44	1.57	.023	1.03	.049	.80	.306	.77	.092	4.12	.113	1.85	.613	1.55

Add suffix to part number: B=Bare Steel G=HDG P=Pregalv.

Use of our raceway eliminates the individual suspension of fixtures, saving labour and material. When the channel is placed, fixtures can be installed anywhere along the system. Based on the strength of the COMSTRUT channel, the number of suspension rods is minimal.

Wiring Capacity of COMSTRUT Channel for Types R. RH, RW, T or TW

Wire Gauges	CR200, CR210	CR400, CR410	CR500, CR510
14	12	10	8
12	10	9	6
10	8	6	4
8	6	5	3
6	5	4	2

Note: CR707 closure strip must be used to make an enclosed raceway. Caution: Wiring in raceway shall be rated at not less than 75º C when electric – discharge lighting fixtures are closer than 1/2" (12.7 mm) from the raceway.

Deflection of Channel for Continuous Row of 4' Fixtures Weighing 15 lb. (6.8 kg)

Support Distance ft	Support Distance m	CR200 inches	CR200 mm	CR400 inches	CR400 mm	CR500 inches	CR500 mm
4	1.2	.005	0.127	.007	0.178	.013	.330
8	2.4	.080	2.032	.125	3.175	.212	5.380
12	3.6	.420	10.668	.610	15.494	1.077	27.350
16	4.8	1.525	38.735	1.950	49.530	-	-

When fixtures are spaced 4' (1.2m) apart, the deflection will be approximately 50% of the values in a continuous row. To maintain the deflection, do not join channel in midspan.