

WIRING AND TUBE CLAMPS Closed Type – Furnished Open – Extruded Liner

MATERIAL: HD Galv Steel, Per ASTM A653/A653M; Aluminum, Per ASTM B209;

Stainless Steel, Per ASTM A240/A666

CUSHION: EPDM per SAE J200/ASTM D2000 BC715A14C12EO34, .060" thickness

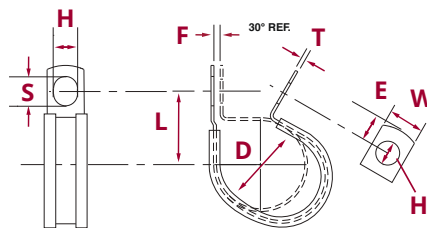
OPTIONAL CUSHION: Silicone per AMS3304, SAE J200/ASTM D2000 M2GE706, .060" thickness

FINISH: Z1 - HD Galv Steel, Chem Treated G90

COL: Parts Have One Round and One Slotted Hole



COL
(D)



D Clamping Diameter	Part Number	L Center To Center	W Width	S Slot Length	H Hole Diameter	E Hole Center To End	F Gap	T Material Thickness		
								HD Galv	Aluminum	Stainless
±.031		±.031	±.010	±.020	±.005	±.015	±.031	±.002	±.002	±.002
.187	COL-0309	.854	.500	.375	.281	.312	.062	.032	0.032	0.032
	COL-0311	.791	.625	.437	.343	.375	.062	.032	--	0.032
	COL-0313	.729	.750	.500	.406	.437	.062	.032	--	0.032
.250	COL-0407	.711	.500	.297	.203	.250	.062	.032	--	0.032
	COL-0409	.674	.500	.375	.281	.312	.062	.032	0.032	0.032
	COL-0411	.611	.625	.437	.343	.375	.062	.032	--	0.032
	COL-0413	.656	.750	.500	.406	.437	.062	.032	--	0.032
	COL-0415	.718	.750	.562	.468	.500	.062	.032	--	0.032
	COL-0417	.781	1.000	.625	.531	.562	.062	.032	--	0.032
.312	COL-0507	.569	.500	.297	.203	.250	.062	.032	--	0.032
	COL-0509	.562	.500	.375	.281	.312	.062	.032	0.032	0.032
	COL-0511	.625	.625	.437	.343	.375	.062	.032	--	0.032
	COL-0513	.687	.750	.500	.406	.437	.062	.032	--	0.032
	COL-0515	.750	.750	.562	.468	.500	.062	.032	--	0.032
	COL-0517	.812	1.000	.625	.531	.562	.062	.032	--	0.032
.375	COL-0607	.500	.500	.297	.203	.250	.062	.032	--	0.032
	COL-0609	.593	.500	.375	.281	.312	.062	.032	0.032	0.032
	COL-0611	.656	.625	.437	.343	.375	.062	.032	--	0.032
	COL-0613	.718	.750	.500	.406	.437	.062	.032	--	0.032
	COL-0615	.781	.750	.562	.468	.500	.062	.032	--	0.032
	COL-0617	.843	1.000	.625	.531	.562	.062	.032	--	0.032
.437	COL-0707	.531	.500	.297	.203	.250	.062	.032	--	0.032
	COL-0709	.625	.500	.375	.281	.312	.062	.032	0.032	0.032
	COL-0711	.687	.625	.437	.343	.375	.062	.048	--	0.032
	COL-0713	.750	.750	.500	.406	.437	.062	.048	--	0.032
	COL-0715	.812	.750	.562	.468	.500	.062	.048	--	0.032
	COL-0717	.875	1.000	.625	.531	.562	.062	.048	--	0.032
.500	COL-0807	.562	.500	.297	.203	.250	.062	.032	--	0.032
	COL-0809	.656	.500	.375	.281	.312	.062	.032	0.032	0.032
	COL-0811	.718	.625	.437	.343	.375	.062	.048	--	0.032
	COL-0813	.781	.750	.500	.406	.437	.062	.048	--	0.032
	COL-0815	.843	.750	.562	.468	.500	.062	.048	--	0.032
	COL-0817	.906	1.000	.625	.531	.562	.062	.048	--	0.032

WIRING AND TUBE CLAMPS

Closed Type – Furnished Open – Extruded Liner

MATERIAL: HD Galv Steel, Per ASTM A653/A653M; Aluminum, Per ASTM B209;

Stainless Steel, Per ASTM A240/A666

CUSHION: EPDM per SAE J200/ASTM D2000 BC715A14C12EO34, .060" thickness

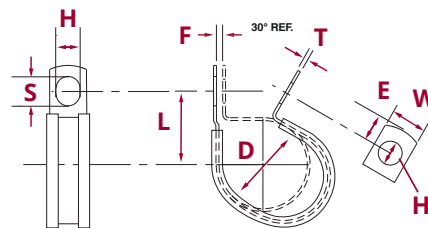
OPTIONAL CUSHION: Silicone per AMS3304, SAE J200/ASTM D2000 M2GE706, .060" thickness

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COL
(D)



D Clamping Diameter	Part Number	L Center To Center	W Width	S Slot Length	H Hole Diameter	E Hole Center To End	F Gap	T Material Thickness		
								HD Galv	Aluminum	Stainless
±.031		±.031	±.010	±.020	±.005	±.015	±.031	±.002	±.002	±.002
.562	COL-0907	.687	.500	.297	.203	.250	.062	.032	--	0.032
	COL-0909	.750	.500	.375	.281	.312	.062	.032	0.032	0.032
	COL-0911	.812	.625	.437	.343	.375	.062	.048	--	0.032
	COL-0913	.875	.750	.500	.406	.437	.062	.048	--	0.032
	COL-0915	.937	.750	.562	.468	.500	.062	.048	--	0.032
	COL-0917	1.000	1.000	.625	.531	.562	.062	.048	--	0.032
.625	COL-1007	.718	.500	.297	.203	.250	.062	.032	--	0.032
	COL-1009	.781	.500	.375	.281	.312	.062	.032	0.032	0.032
	COL-1011	.843	.625	.437	.343	.375	.062	.048	--	0.032
	COL-1013	.906	.750	.500	.406	.437	.062	.048	--	0.032
	COL-1015	.968	.750	.562	.468	.500	.062	.048	--	0.032
	COL-1017	1.031	1.000	.625	.531	.562	.062	.048	--	0.032
.687	COL-1107	.750	.500	.297	.203	.250	.062	.032	--	0.032
	COL-1109	.812	.500	.375	.281	.312	.062	.032	0.032	0.032
	COL-1111	.875	.625	.437	.343	.375	.062	.048	--	0.032
	COL-1113	.937	.750	.500	.406	.437	.062	.048	--	0.032
	COL-1115	1.000	.750	.562	.468	.500	.062	.048	--	0.032
	COL-1117	1.062	1.000	.625	.531	.562	.062	.048	--	0.032
.750	COL-1207	.781	.500	.297	.203	.250	.062	.032	--	0.032
	COL-1209	.843	.500	.375	.281	.312	.062	.032	0.032	0.032
	COL-1211	.906	.625	.437	.343	.375	.062	.048	--	0.032
	COL-1213	.968	.750	.500	.406	.437	.062	.048	--	0.032
	COL-1215	1.031	.750	.562	.468	.500	.062	.048	--	0.032
	COL-1217	1.095	1.000	.625	.531	.562	.062	.048	--	0.032
.812	COL-1307	.812	.500	.297	.203	.250	.062	.032	--	0.032
	COL-1309	.875	.500	.375	.281	.312	.062	.032	0.032	0.032
	COL-1311	.937	.625	.437	.343	.375	.062	.048	--	0.032
	COL-1313	1.000	.750	.500	.406	.437	.062	.048	--	0.032
	COL-1315	1.062	.750	.562	.468	.500	.062	.048	--	0.032
	COL-1317	1.125	1.000	.625	.531	.562	.062	.048	--	0.032

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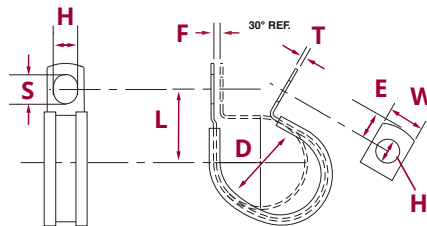
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								HD Galv	Aluminum	Stainless
±.031		±.031	±.010	±.020	±.005	±.015	±.031	±.002	±.002	±.002
.875	COL-1407	.843	.500	.297	.203	.250	.062	.032	--	0.032
	COL-1409	.906	.500	.375	.281	.312	.062	.032	0.032	0.032
	COL-1411	.968	.625	.437	.343	.375	.062	.048	--	0.032
	COL-1413	1.031	.750	.500	.406	.437	.062	.048	--	0.032
	COL-1415	1.093	.750	.562	.468	.500	.062	.048	--	0.032
	COL-1417	1.156	1.000	.625	.531	.562	.062	.048	--	0.032
.937	COL-1507	.875	.500	.297	.203	.250	.062	.032	--	0.032
	COL-1509	.937	.500	.375	.281	.312	.062	.032	0.032	0.032
	COL-1511	1.000	.625	.437	.343	.375	.062	.048	--	0.032
	COL-1513	1.062	.750	.500	.406	.437	.062	.048	--	0.032
	COL-1515	1.125	.750	.562	.468	.500	.062	.048	--	0.032
	COL-1517	1.187	1.000	.625	.531	.562	.062	.048	--	0.032
1.000	COL-1607	.906	.500	.297	.203	.250	.062	.032	--	0.032
	COL-1609	.968	.500	.375	.281	.312	.062	.032	0.032	0.032
	COL-1611	1.031	.625	.437	.343	.375	.062	.048	--	0.032
	COL-1613	1.093	.750	.500	.406	.437	.062	.048	--	0.032
	COL-1615	1.156	.750	.562	.468	.500	.062	.048	--	0.032
	COL-1617	1.218	1.000	.625	.531	.562	.062	.048	--	0.032
1.062	COL-1709	1.000	.500	.375	.281	.312	.062	.048	0.050	0.048
	COL-1711	1.062	.625	.437	.343	.375	.062	.048	--	0.048
	COL-1713	1.125	.750	.500	.406	.437	.062	.048	--	0.048
	COL-1715	1.187	.750	.562	.468	.500	.062	.048	--	0.048
	COL-1717	1.250	1.000	.625	.531	.562	.062	.048	--	0.048
1.125	COL-1809	1.031	.500	.375	.281	.312	.062	.048	0.050	0.048
	COL-1811	1.093	.625	.437	.343	.375	.062	.048	--	0.048
	COL-1813	1.156	.750	.500	.406	.437	.062	.048	--	0.048
	COL-1815	1.218	.750	.562	.468	.500	.062	.048	--	0.048
	COL-1817	1.281	1.000	.625	.531	.562	.062	.048	--	0.048

Medium Duty Clamps

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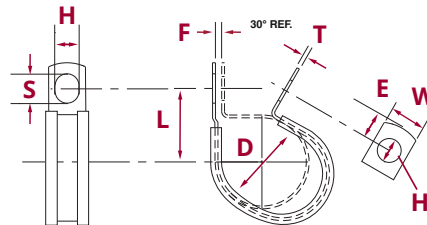
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CUSHION: EPDM per SAE J200/ASTM D2000 BC715A14C12EO34, .060" thickness

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COL
(D)



D Clamping Diameter	Part Number	L Center To Center	W Width	S Slot Length	H Hole Diameter	E Hole Center To End	F Gap	T Material Thickness		
								HD Galv	Aluminum	Stainless
±.031		±.031	±.010	±.020	±.005	±.015	±.031	±.002	±.002	±.002
1.187	COL-1909	1.062	.500	.375	.281	.312	.062	.048	0.050	0.048
	COL-1911	1.125	.625	.437	.343	.375	.062	.048	--	0.048
	COL-1913	1.187	.750	.500	.406	.437	.062	.048	--	0.048
	COL-1915	1.250	.750	.562	.468	.500	.062	.048	--	0.048
	COL-1917	1.312	1.000	.625	.531	.562	.062	.048	--	0.048
1.250	COL-2009	1.093	.500	.375	.281	.312	.062	.048	0.050	0.048
	COL-2011	1.156	.625	.437	.343	.375	.062	.048	--	0.048
	COL-2013	1.218	.750	.500	.406	.437	.062	.048	--	0.048
	COL-2015	1.281	.750	.562	.468	.500	.062	.048	--	0.048
	COL-2017	1.343	1.000	.625	.531	.562	.062	.048	--	0.048
1.312	COL-2109	1.125	.500	.375	.281	.312	.062	.048	0.050	0.048
	COL-2111	1.187	.625	.437	.343	.375	.062	.048	--	0.048
	COL-2113	1.250	.750	.500	.406	.437	.062	.048	--	0.048
	COL-2115	1.312	.750	.562	.468	.500	.062	.048	--	0.048
	COL-2117	1.375	1.000	.625	.531	.562	.062	.048	--	0.048
1.375	COL-2209	1.156	.500	.375	.281	.312	.062	.048	0.050	0.048
	COL-2211	1.218	.625	.437	.343	.375	.062	.048	--	0.048
	COL-2213	1.281	.750	.500	.406	.437	.062	.048	--	0.048
	COL-2215	1.343	.750	.562	.468	.500	.062	.048	--	0.048
	COL-2217	1.406	1.000	.625	.531	.562	.062	.048	--	0.048
1.437	COL-2309	1.187	.500	.375	.281	.312	.062	.048	0.050	0.048
	COL-2311	1.250	.625	.437	.343	.375	.062	.048	--	0.048
	COL-2313	1.312	.750	.500	.406	.437	.062	.048	--	0.048
	COL-2315	1.375	.750	.562	.468	.500	.062	.048	--	0.048
	COL-2317	1.437	1.000	.625	.531	.562	.062	.048	--	0.048
1.500	COL-2409	1.218	.500	.375	.281	.312	.062	.048	0.050	0.048
	COL-2411	1.281	.625	.437	.343	.375	.062	.048	--	0.048
	COL-2413	1.343	.750	.500	.406	.437	.062	.048	--	0.048
	COL-2415	1.406	.750	.562	.468	.500	.062	.048	--	0.048
	COL-2417	1.468	1.000	.625	.531	.562	.062	.048	--	0.048

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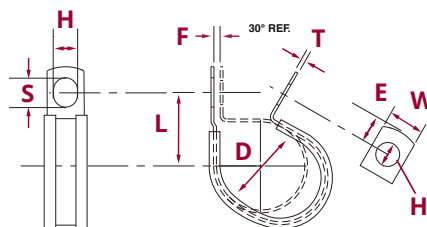
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D Clamping Diameter	Part Number	L Center To Center	W Width	S Slot Length	H Hole Diameter	E Hole Center To End	F Gap	T Material Thickness		
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±.031		±.031	±.010	±.020	±.005	±.015	±.031	±.002	±.002	±.002
1.562	COL-2509	1.250	.500	.375	.281	.312	.062	.048	0.050	0.048
	COL-2511	1.312	.625	.437	.343	.375	.062	.048	--	0.048
	COL-2513	1.375	.750	.500	.406	.437	.062	.048	--	0.048
	COL-2515	1.437	.750	.562	.468	.500	.062	.048	--	0.048
	COL-2517	1.500	1.000	.625	.531	.562	.062	.048	--	0.048
1.625	COL-2609	1.281	.500	.375	.281	.312	.062	.048	0.050	0.048
	COL-2611	1.343	.625	.437	.343	.375	.062	.048	--	0.048
	COL-2613	1.406	.750	.500	.406	.437	.062	.048	--	0.048
	COL-2615	1.468	.750	.562	.468	.500	.062	.048	--	0.048
	COL-2617	1.531	1.000	.625	.531	.562	.062	.048	--	0.048
1.687	COL-2709	1.312	.500	.375	.281	.312	.062	.048	0.050	0.048
	COL-2711	1.375	.625	.437	.343	.375	.062	.048	--	0.048
	COL-2713	1.437	.750	.500	.406	.437	.062	.048	--	0.048
	COL-2715	1.500	.750	.562	.468	.500	.062	.048	--	0.048
	COL-2717	1.562	1.000	.625	.531	.562	.062	.048	--	0.048
1.750	COL-2809	1.343	.500	.375	.281	.312	.062	.048	0.050	0.048
	COL-2811	1.406	.625	.437	.343	.375	.062	.048	--	0.048
	COL-2813	1.468	.750	.500	.406	.437	.062	.048	--	0.048
	COL-2815	1.531	.750	.562	.468	.500	.062	.048	--	0.048
	COL-2817	1.593	1.000	.625	.531	.562	.062	.048	--	0.048
1.812	COL-2909	1.375	.500	.375	.281	.312	.062	.048	0.050	0.048
	COL-2911	1.437	.625	.437	.343	.375	.062	.048	--	0.048
	COL-2913	1.500	.750	.500	.406	.437	.062	.048	--	0.048
	COL-2915	1.562	.750	.562	.468	.500	.062	.048	--	0.048
	COL-2917	1.624	1.000	.625	.531	.562	.062	.048	--	0.048
1.875	COL-3009	1.406	.500	.375	.281	.312	.062	.048	0.050	0.048
	COL-3011	1.468	.625	.437	.343	.375	.062	.048	--	0.048
	COL-3013	1.531	.750	.500	.406	.437	.062	.048	--	0.048
	COL-3015	1.593	.750	.562	.468	.500	.062	.048	--	0.048
	COL-3017	1.656	1.000	.625	.531	.562	.062	.048	--	0.048

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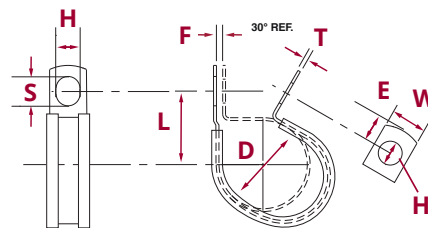
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±.031		±.031	±.010	±.020	±.005	±.015	±.031	±.002	±.002	±.002
1.937	COL-3109	1.437	.500	.375	.281	.312	.062	.048	0.050	0.048
	COL-3111	1.500	.625	.437	.343	.375	.062	.048	--	0.048
	COL-3113	1.562	.750	.500	.406	.437	.062	.048	--	0.048
	COL-3115	1.625	.750	.562	.468	.500	.062	.048	--	0.048
	COL-3117	1.687	1.000	.625	.531	.562	.062	.048	--	0.048
2.000	COL-3209	1.500	.500	.375	.281	.312	.062	.048	0.050	0.048
	COL-3211	1.562	.625	.437	.343	.375	.062	.048	--	0.048
	COL-3213	1.625	.750	.500	.406	.437	.062	.048	--	0.048
	COL-3215	1.687	.750	.562	.468	.500	.062	.048	--	0.048
	COL-3217	1.750	1.000	.625	.531	.562	.062	.048	--	0.048
2.062	COL-3309	1.531	.500	.375	.281	.312	.062	.048	--	0.048
	COL-3311	1.593	.625	.437	.343	.375	.062	.048	--	0.048
	COL-3313	1.656	.750	.500	.406	.437	.062	.048	--	0.048
	COL-3315	1.718	.750	.562	.468	.500	.062	.048	--	0.048
	COL-3317	1.781	1.000	.625	.531	.562	.062	.048	--	0.048
2.125	COL-3409	1.562	.500	.375	.281	.312	.062	.048	--	0.048
	COL-3411	1.625	.625	.437	.343	.375	.062	.048	--	0.048
	COL-3413	1.688	.750	.500	.406	.437	.062	.048	--	0.048
	COL-3415	1.750	.750	.562	.468	.500	.062	.048	--	0.048
	COL-3417	1.812	1.000	.625	.531	.562	.062	.048	--	0.048
2.187	COL-3509	1.593	.500	.375	.281	.312	.062	.048	--	0.048
	COL-3511	1.656	.625	.437	.343	.375	.062	.048	--	0.048
	COL-3513	1.718	.750	.500	.406	.437	.062	.048	--	0.048
	COL-3515	1.781	.750	.562	.468	.500	.062	.048	--	0.048
	COL-3517	1.844	1.000	.625	.531	.562	.062	.048	--	0.048

WIRING AND TUBE CLAMPS Closed Type – Furnished Open – Extruded Liner

MATERIAL: HD Galv Steel, Per ASTM A653/A653M; Aluminum, Per ASTM B209;

Stainless Steel, Per ASTM A240/A666

CUSHION: EPDM per SAE J200/ASTM D2000 BC715A14C12EO34, .060" thickness

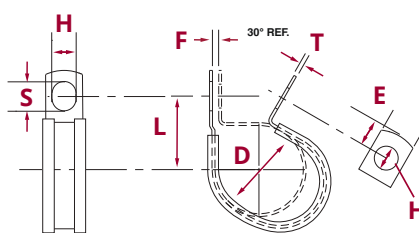
OPTIONAL CUSHION: Silicone per AMS3304, SAE J200/ASTM D2000 M2GE706, .060" thickness

FINISH: Z1 - HD Galv Steel, Chem Treated G90

COL: Parts Have One Round and One Slotted Hole



COL
(D)



D Clamping Diameter	Part Number	L Center To Center	W Width	S Slot Length	H Hole Diameter	E Hole Center To End	F Gap	T Material Thickness		
								HD Galv	Aluminum	Stainless
±.031		±.031	±.010	±.020	±.005	±.015	±.031	±.002	±.002	±.002
2.250	COL-3609	1.625	.500	.375	.281	.312	.062	.048	--	0.048
	COL-3611	1.687	.625	.437	.343	.375	.062	.048	--	0.048
	COL-3613	1.750	.750	.500	.406	.437	.062	.048	--	0.048
	COL-3615	1.812	.750	.562	.468	.500	.062	.048	--	0.048
	COL-3617	1.875	1.000	.625	.531	.562	.062	.048	--	0.048
2.375	COL-3809	1.687	.500	.375	.281	.312	.062	.048	--	0.048
	COL-3811	1.750	.625	.437	.343	.375	.062	.048	--	0.048
	COL-3813	1.812	.750	.500	.406	.437	.062	.048	--	0.048
	COL-3815	1.875	.750	.562	.468	.500	.062	.048	--	0.048
	COL-3817	1.937	1.000	.625	.531	.562	.062	.048	--	0.048
2.500	COL-4009	1.750	.500	.375	.281	.312	.062	.048	--	0.048
	COL-4011	1.812	.625	.437	.343	.375	.062	.048	--	0.048
	COL-4013	1.875	.750	.500	.406	.437	.062	.048	--	0.048
	COL-4015	1.937	.750	.562	.468	.500	.062	.048	--	0.048
	COL-4017	2.000	1.000	.625	.531	.562	.062	.048	--	0.048
2.625	COL-4209	1.812	.500	.375	.281	.312	.062	.048	--	--
	COL-4211	1.875	.625	.437	.343	.375	.062	.048	--	--
	COL-4213	1.937	.750	.500	.406	.437	.062	.048	--	--
	COL-4215	2.000	.750	.562	.468	.500	.062	.048	--	--
	COL-4217	2.062	1.000	.625	.531	.562	.062	.048	--	--
2.750	COL-4409	1.875	.500	.375	.281	.312	.062	.048	--	--
	COL-4411	1.937	.625	.437	.343	.375	.062	.048	--	--
	COL-4413	2.000	.750	.500	.406	.437	.062	.048	--	--
	COL-4415	2.062	.750	.562	.468	.500	.062	.048	--	--
	COL-4417	2.125	1.000	.625	.531	.562	.062	.048	--	--

WIRING AND TUBE CLAMPS

Closed Type – Furnished Open – Extruded Liner

MATERIAL: HD Galv Steel, Per ASTM A653/A653M; Aluminum, Per ASTM B209;

Stainless Steel, Per ASTM A240/A666

FINISH: Z1 - HD Galv Steel, Chem Treated G90

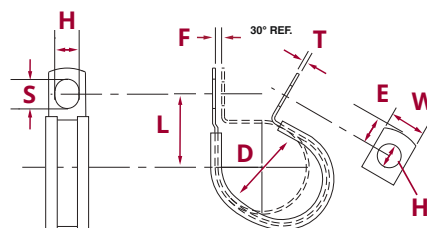
COL: Parts Have One Round and One Slotted Hole

CUSHION: EPDM per SAE J200/ASTM D2000 BC715A14C12EO34, .060" thickness

OPTIONAL CUSHION: Silicone per AMS3304, SAE J200/ASTM D2000 M2GE706, .060" thickness



COL
(D)



D Clamping Diameter	Part Number	L Center To Center	W Width	S Slot Length	H Hole Diameter	E Hole Center To End	F Gap	T Material Thickness		
								HD Galv	Aluminum	Stainless
±.031		±.031	±.010	±.020	±.005	±.015	±.031	±.002	±.002	±.002
2.875	COL-4609	1.937	.500	.375	.281	.312	.062	.048	--	--
	COL-4611	2.000	.625	.437	.343	.375	.062	.048	--	--
	COL-4613	2.062	.750	.500	.406	.437	.062	.048	--	--
	COL-4615	2.125	.750	.562	.468	.500	.062	.048	--	--
	COL-4617	2.188	1.000	.625	.531	.562	.062	.048	--	--
3.000	COL-4809	2.000	.500	.375	.281	.312	.062	.048	--	0.048
	COL-4811	2.062	.625	.437	.343	.375	.062	.048	--	0.048
	COL-4813	2.125	.750	.500	.406	.437	.062	.048	--	0.048
	COL-4815	2.187	.750	.562	.468	.500	.062	.048	--	0.048
	COL-4817	2.250	1.000	.625	.531	.562	.062	.048	--	0.048
3.250	COL-5209	2.125	.500	.375	.281	.312	.062	.048	--	--
	COL-5211	2.187	.625	.437	.343	.375	.062	.048	--	--
	COL-5213	2.250	.750	.500	.406	.437	.062	.048	--	--
	COL-5215	2.312	.750	.562	.468	.500	.062	.048	--	--
	COL-5217	2.375	1.000	.625	.531	.562	.062	.048	--	--
3.500	COL-5609	2.250	.500	.375	.281	.312	.062	.048	--	--
	COL-5611	2.312	.625	.437	.343	.375	.062	.048	--	--
	COL-5613	2.375	.750	.500	.406	.437	.062	.048	--	--
	COL-5615	2.437	.750	.562	.468	.500	.062	.048	--	--
	COL-5617	2.500	1.000	.625	.531	.562	.062	.048	--	--
3.750	COL-6009	2.375	.500	.375	.281	.312	.062	.048	--	--
	COL-6011	2.437	.625	.437	.343	.375	.062	.048	--	--
	COL-6013	2.500	.750	.500	.406	.437	.062	.048	--	--
	COL-6015	2.562	.750	.562	.468	.500	.062	.048	--	--
	COL-6017	2.625	1.000	.625	.531	.562	.062	.048	--	--
4.000	COL-6409	2.500	.500	.375	.281	.312	.062	.048	--	--
	COL-6411	2.562	.625	.437	.343	.375	.062	.048	--	--
	COL-6413	2.625	.750	.500	.406	.437	.062	.048	--	--
	COL-6415	2.687	.750	.562	.468	.500	.062	.048	--	--
	COL-6417	2.750	1.000	.625	.531	.562	.062	.048	--	--