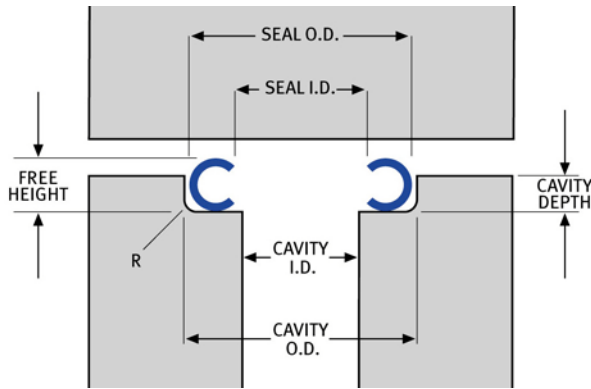


CI SERIES – INTERNAL PRESSURE FACE TYPE C-SEAL



WELD PERMITTED

PLATING MAY BE INCOMPLETE INSIDE C SECTION

SEAL DIAMETERS CAN BE OUT OF ROUND IN EXCESS OF TOLERANCES

SEE THE C-SEALS INTRODUCTION PAGES, FOR DETAILS OF SEAL FREE HEIGHT, CAVITY DEPTH AND RADIUS R

Seal Type & Diameter	Free Height 1/16				Free Height 3/32				Free Height 1/8			
	Cavity		Seal		Cavity		Seal		Cavity		Seal	
	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.
	(max)	+ .001 - .000	(min)	+ .000 - .002	(max)	+ .001 - .000	(min)	+ .000 - .002	-	-	-	-
CI 0002	.127	.250	.135	.240	-	-	-	-	-	-	-	-
CI 0532	.158	.281	.166	.271	-	-	-	-	-	-	-	-
CI 0003	.200	.325	.210	.315	.200	.375	.210	.364	-	-	-	-
CI 0732	.231	.356	.241	.346	.231	.406	.241	.395	-	-	-	-
CI 0004	.262	.387	.272	.377	.262	.437	.272	.426	-	-	-	-
CI 0932	.293	.418	.303	.408	.293	.468	.303	.457	-	-	-	-
CI 0005	.325	.450	.335	.440	.325	.500	.335	.489	-	-	-	-
CI 1132	.356	.481	.366	.471	.356	.531	.366	.520	-	-	-	-
CI 0006	.387	.512	.397	.502	.387	.562	.397	.551	-	-	-	-
CI 1332	.418	.543	.428	.533	.418	.593	.428	.582	-	-	-	-
CI 0007	.450	.575	.460	.565	.450	.625	.460	.614	-	-	-	-
CI 1532	.481	.606	.491	.596	.481	.656	.491	.645	-	-	-	-
CI 0008	.512	.637	.522	.627	.512	.687	.522	.676	-	-	-	-
CI 1732	.543	.688	.553	.658	.543	.718	.553	.707	-	-	-	-
CI 0009	.575	.700	.585	.690	.575	.750	.585	.739	-	-	-	-
CI 1932	.606	.731	.616	.721	.606	.781	.616	.770	-	-	-	-
CI 0010	.637	.762	.647	.752	.637	.812	.647	.801	-	-	-	-
CI 2132	.668	.793	.678	.783	.668	.843	.678	.832	-	-	-	-
CI 0011	.700	.825	.710	.815	.700	.875	.710	.864	-	-	-	-
CI 2332	.731	.856	.741	.846	.731	.906	.741	.895	-	-	-	-

SEAL DIMENSIONS ARE IN INCHES AND ARE PRIOR TO PLATING OR COATING

Seal Type & Diameter	Free Height 1/16				Free Height 3/32				Free Height 1/8			
	Cavity		Seal		Cavity		Seal		Cavity		Seal	
	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.
	(max)	+0.002 -0.000	(min)	+0.000 -0.002	(max)	+0.002 -0.000	(min)	+0.000 -0.002	(max)	+0.002 -0.000	(min)	+0.000 -0.002
CI 0012	.763	.888	.773	.878	.763	.937	.773	.927	.763	.983	.773	.973
CI 2532	.794	.919	.804	.909	.794	.968	.804	.958	.794	1.014	.804	1.004
CI 0013	.826	.951	.836	.941	.826	1.000	.836	.990	.826	1.046	.836	1.036
CI 2732	.857	.982	.867	.972	.857	1.031	.867	1.021	.857	1.077	.867	1.067
CI 0014	.888	1.013	.898	1.003	.888	1.062	.898	1.052	.888	1.108	.898	1.098
CI 2932	.919	1.044	.929	1.034	.919	1.093	.929	1.083	.919	1.139	.929	1.129
CI 0015	.951	1.076	.961	1.066	.951	1.125	.961	1.115	.951	1.171	.961	1.161
CI 3132	.982	1.107	.992	1.097	.982	1.156	.992	1.146	.982	1.202	.992	1.192
CI 0016	1.013	1.138	1.023	1.128	1.013	1.187	1.023	1.177	1.013	1.233	1.023	1.223
CI 0017	1.076	1.201	1.086	1.191	1.076	1.250	1.086	1.240	1.076	1.296	1.086	1.286
CI 0018	1.138	1.263	1.148	1.253	1.138	1.312	1.148	1.302	1.138	1.358	1.148	1.348
CI 0019	1.201	1.326	1.211	1.316	1.201	1.375	1.211	1.365	1.201	1.421	1.211	1.411
CI 0020	1.263	1.388	1.273	1.378	1.263	1.437	1.273	1.427	1.263	1.483	1.273	1.473
CI 0021	1.326	1.451	1.336	1.441	1.326	1.500	1.336	1.490	1.326	1.546	1.336	1.536
CI 0022	1.388	1.513	1.398	1.503	1.388	1.562	1.398	1.552	1.388	1.608	1.398	1.598
CI 0023	1.451	1.576	1.461	1.566	1.451	1.625	1.461	1.615	1.451	1.671	1.461	1.661
CI 0024	1.513	1.638	1.523	1.628	1.513	1.687	1.523	1.677	1.513	1.733	1.523	1.723
CI 0025	1.576	1.701	1.586	1.691	1.576	1.750	1.586	1.740	1.576	1.796	1.586	1.786
CI 0026	1.638	1.763	1.648	1.753	1.638	1.812	1.648	1.802	1.638	1.858	1.648	1.848
CI 0027	1.701	1.826	1.711	1.816	1.701	1.875	1.711	1.865	1.701	1.921	1.711	1.911
CI 0028	1.763	1.888	1.773	1.878	1.763	1.937	1.773	1.927	1.763	1.983	1.773	1.973
CI 0029	1.826	1.951	1.836	1.941	1.826	2.000	1.836	1.990	1.826	2.046	1.836	2.036
	(max)	+0.003 -0.000	(min)	+0.000 -0.003	(max)	+0.003 -0.000	(min)	+0.000 -0.003	(max.)	+0.003 -0.000	(min.)	+0.000 -0.003
CI 0030	1.888	2.013	1.898	2.003	1.888	2.062	1.898	2.052	1.888	2.108	1.898	2.098
CI 0031	1.951	2.076	1.961	2.066	1.951	2.125	1.961	2.115	1.951	2.171	1.961	2.161
CI 0032	2.030	2.155	2.040	2.145	2.030	2.204	2.040	2.194	2.030	2.250	2.040	2.240
CI 0033	2.092	2.217	2.102	2.207	2.092	2.266	2.102	2.256	2.092	2.312	2.102	2.302
CI 0034	2.155	2.280	2.165	2.270	2.155	2.329	2.165	2.319	2.155	2.375	2.165	2.365
CI 0035	2.217	2.342	2.227	2.332	2.217	2.391	2.227	2.381	2.217	2.437	2.227	2.427
CI 0036	2.280	2.405	2.290	2.395	2.280	2.454	2.290	2.444	2.280	2.500	2.290	2.490
CI 0037	2.342	2.467	2.352	2.457	2.342	2.516	2.352	2.506	2.342	2.562	2.352	2.552
CI 0038	2.405	2.530	2.415	2.520	2.405	2.579	2.415	2.569	2.405	2.625	2.415	2.615
CI 0039	2.467	2.592	2.477	2.582	2.467	2.641	2.477	2.631	2.467	2.687	2.477	2.677
CI 0040	2.530	2.655	2.540	2.645	2.530	2.704	2.540	2.694	2.530	2.750	2.540	2.740
CI 0041	2.592	2.717	2.602	2.707	2.592	2.766	2.602	2.756	2.592	2.812	2.602	2.802

Seal Type & Diameter	Free Height 1/16				Free Height 3/32				Free Height 1/8			
	Cavity		Seal		Cavity		Seal		Cavity		Seal	
	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.
	(max)	+ .003 - .000	(min)	+ .000 - .003	(max)	+ .003 - .000	(min)	+ .000 - .003	(max)	+ .003 - .000	(min)	+ .000 - .003
CI 0042	2.655	2.780	2.665	2.770	2.655	2.829	2.665	2.819	2.655	2.875	2.665	2.865
CI 0043	2.717	2.842	2.727	2.832	2.717	2.891	2.727	2.881	2.717	2.937	2.727	2.927
CI 0044	2.780	2.905	2.790	2.895	2.780	2.954	2.790	2.944	2.780	3.000	2.790	2.990
CI 0045	2.842	2.967	2.852	2.957	2.842	3.016	2.852	3.006	2.842	3.062	2.852	3.052
CI 0046	2.905	3.020	2.915	3.010	2.905	3.079	2.915	3.069	2.905	3.125	2.915	3.115
CI 0047	2.967	3.082	2.977	3.072	2.967	3.141	2.977	3.131	2.967	3.187	2.977	3.177
CI 0048	3.030	3.145	3.040	3.135	3.030	3.204	3.040	3.194	3.030	3.250	3.040	3.240
	(max)	+ .004 - .000	(min)	+ .000 - .004	(max)	+ .004 - .000	(min)	+ 0.00 - .004	(max.)	+ .004 - .000	(min.)	+ .000 - .004
CI 0049	3.092	3.207	3.102	3.197	3.092	3.266	3.102	3.256	3.092	3.312	3.102	3.302
CI 0050	3.155	3.270	3.165	3.260	3.155	3.329	3.165	3.319	3.155	3.375	3.165	3.365
CI 0051	3.217	3.332	3.227	3.322	3.217	3.391	3.227	3.381	3.217	3.437	3.227	3.427
CI 0052	3.280	3.395	3.290	3.385	3.280	3.454	3.290	3.444	3.280	3.500	3.290	3.490
CI 0053	3.342	3.457	3.352	3.447	3.342	3.516	3.352	3.506	3.342	3.562	3.352	3.552
CI 0054	3.405	3.520	3.415	3.510	3.405	3.579	3.415	3.569	3.405	3.625	3.415	3.615
CI 0055	3.467	3.582	3.477	3.572	3.467	3.641	3.477	3.631	3.467	3.687	3.477	3.667
CI 0056	3.530	3.645	3.540	3.635	3.530	3.704	3.540	3.694	3.530	3.750	3.540	3.740
Seal Type & Diameter	Free Height 1/8				Free Height 3/16				Free Height 1/4			
	Cavity		Seal		Cavity		Seal		Cavity		Seal	
	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.
	(max)	+ .004 - .000	(min)	+ .000 - .004	(max)	+ .004 - .000	(min)	+ .000 - .004	(max)	+ .004 - .000	(min)	+ .000 - .004
CI 0057	3.592	3.812	3.602	3.802	3.592	3.912	3.602	3.902	-	-	-	-
CI 0058	3.655	3.875	3.665	3.865	3.655	3.975	3.665	3.965	-	-	-	-
CI 0059	3.717	3.937	3.727	3.927	3.717	4.037	3.727	4.027	-	-	-	-
CI 0060	3.780	4.000	3.790	3.990	3.780	4.100	3.790	4.090	-	-	-	-
CI 0061	3.842	4.062	3.852	4.052	3.842	4.162	3.852	4.152	-	-	-	-
CI 0062	3.905	4.125	3.915	4.115	3.905	4.225	3.915	4.215	-	-	-	-
CI 0063	3.967	4.187	3.977	4.177	3.967	4.287	3.977	4.277	-	-	-	-
CI 0064	4.055	4.275	4.065	4.265	4.055	4.375	4.065	4.365	4.055	4.475	4.065	4.465
CI 0065	4.117	4.337	4.127	4.327	4.117	4.437	4.127	4.427	4.117	4.537	4.127	4.527
CI 0066	4.180	4.400	4.190	4.390	4.180	4.500	4.190	4.490	4.180	4.600	4.190	4.590
CI 0067	4.242	4.462	4.252	4.452	4.242	4.562	4.252	4.552	4.242	4.662	4.252	4.652
CI 0068	4.305	4.525	4.315	4.515	4.305	4.625	4.315	4.615	4.305	4.725	4.315	4.715
CI 0069	4.367	4.587	4.377	4.577	4.367	4.687	4.377	4.677	4.367	4.787	4.377	4.777

Seal Type & Diameter	Free Height 1/8				Free Height 3/16				Free Height 1/4			
	Cavity		Seal		Cavity		Seal		Cavity		Seal	
	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.
	(max)	+0.004 -000	(min)	+0.000 -004	(max)	+0.004 -000	(min)	+0.000 -004	(max)	+0.004 -000	(min)	+0.000 -004
CI 0070	4.430	4.650	4.440	4.640	4.430	4.750	4.440	4.740	4.430	4.850	4.440	4.840
CI 0071	4.492	4.712	4.502	4.702	4.492	4.812	4.502	4.802	4.492	4.912	4.502	4.902
CI 0072	4.555	4.775	4.565	4.765	4.555	4.875	4.565	4.865	4.555	4.975	4.565	4.965
CI 0073	4.617	4.837	4.627	4.827	4.617	4.937	4.627	4.927	4.617	5.037	4.627	5.027
CI 0074	4.680	4.900	4.690	4.890	4.680	5.000	4.690	4.990	4.680	5.100	4.690	5.090
CI 0075	4.742	4.962	4.752	4.952	4.742	5.062	4.752	5.052	4.742	5.162	4.752	5.152
CI 0076	4.805	5.025	4.815	5.015	4.805	5.125	4.815	5.115	4.805	5.225	4.815	5.215
CI 0077	4.867	5.087	4.877	5.077	4.867	5.187	4.877	5.177	4.867	5.287	4.877	5.277
CI 0078	4.930	5.150	4.940	5.140	4.930	5.250	4.940	5.240	4.930	5.350	4.940	5.340
CI 0079	4.992	5.212	5.002	5.202	4.992	5.312	5.002	5.302	4.992	5.412	5.002	5.402
CI 0080	5.055	5.275	5.065	5.265	5.055	5.375	5.065	5.365	5.055	5.475	5.065	5.465
	(max)	+0.006 -000	(min)	+0.000 -006	(max)	+0.006 -000	(min)	+0.000 -006	(max.)	+0.006 -000	(min.)	+0.000 -006
CI 0081	5.117	5.337	5.127	5.327	5.117	5.437	5.127	5.427	5.117	5.537	5.127	5.527
CI 0082	5.180	5.400	5.190	5.390	5.180	5.500	5.190	5.490	5.180	5.600	5.190	5.590
CI 0083	5.242	5.462	5.252	5.452	5.242	5.562	5.252	5.552	5.242	5.662	5.252	5.652
CI 0084	5.305	5.525	5.315	5.515	5.305	5.625	5.315	5.615	5.305	5.725	5.315	5.715
CI 0085	5.367	5.587	5.377	5.577	5.367	5.687	5.377	5.677	5.367	5.787	5.377	5.777
CI 0086	5.430	5.650	5.440	5.640	5.430	5.750	5.440	5.740	5.430	5.850	5.440	5.840
CI 0087	5.492	5.712	5.502	5.702	5.492	5.812	5.502	5.802	5.492	5.912	5.502	5.902
CI 0088	5.555	5.775	5.565	5.765	5.555	5.875	5.565	5.865	5.555	5.975	5.565	5.965
CI 0089	5.617	5.837	5.627	5.827	5.617	5.937	5.627	5.927	5.617	6.037	5.627	6.027
CI 0090	5.680	5.900	5.690	5.890	5.680	6.000	5.690	5.990	5.680	6.100	5.690	6.090
CI 0092	5.805	6.025	5.815	6.015	5.805	6.125	5.815	6.115	5.805	6.225	5.815	6.215
CI 0094	5.930	6.150	5.940	6.140	5.930	6.250	5.940	6.240	5.930	6.350	5.940	6.340
CI 0096	6.055	6.275	6.065	6.265	6.055	6.375	6.065	6.365	6.055	6.475	6.065	6.465
CI 0098	6.180	6.400	6.190	6.390	6.180	6.500	6.190	6.490	6.180	6.600	6.190	6.590
CI 0100	6.305	6.525	6.315	6.515	6.305	6.625	6.315	6.615	6.305	6.725	6.315	6.715
CI 0102	6.430	6.650	6.440	6.640	6.430	6.750	6.440	6.740	6.430	6.850	6.440	6.840
CI 0104	6.555	6.775	6.565	6.765	6.555	6.875	6.565	6.865	6.555	6.975	6.565	6.965
CI 0106	6.680	6.900	6.690	6.890	6.680	7.000	6.690	6.990	6.680	7.100	6.690	7.090
CI 0108	6.805	7.025	6.815	7.015	6.805	7.125	6.815	7.115	6.805	7.225	6.815	7.215
CI 0110	6.930	7.150	6.940	7.140	6.930	7.250	6.940	7.240	6.930	7.350	6.940	7.340
CI 0112	7.055	7.275	7.065	7.265	7.055	7.375	7.065	7.365	7.055	7.475	7.065	7.465

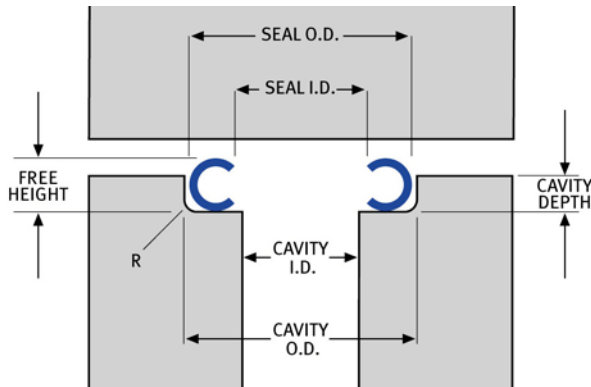
Seal Type & Diameter	Free Height 1/8				Free Height 3/16				Free Height 1/4			
	Cavity		Seal		Cavity		Seal		Cavity		Seal	
	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.
	(max)	+ .008 - .000	(min)	+ .000 - .008	(max)	+ .008 - .000	(min)	+ .000 - .008	(max)	+ .008 - .000	(min)	+ .000 - .008
CI 0114	7.180	7.400	7.190	7.390	7.180	7.500	7.190	7.490	7.180	7.600	7.190	7.590
CI 0116	7.305	7.525	7.315	7.515	7.305	7.625	7.315	7.615	7.305	7.725	7.315	7.715
CI 0118	7.430	7.650	7.440	7.640	7.430	7.750	7.440	7.740	7.430	7.850	7.440	7.840
CI 0120	7.555	7.775	7.565	7.765	7.555	7.875	7.565	7.865	7.555	7.975	7.565	7.965
CI 0122	7.680	7.900	7.690	7.890	7.680	8.000	7.690	7.990	7.680	8.100	7.690	8.090
CI 0124	7.805	8.025	7.815	8.015	7.805	8.125	7.815	8.115	7.805	8.225	7.815	8.215
CI 0126	7.930	8.150	7.940	8.140	7.930	8.250	7.940	8.240	7.930	8.350	7.940	8.340
CI 0128	8.055	8.275	8.065	8.265	8.055	8.375	8.065	8.365	8.055	8.475	8.065	8.465
CI 0130	8.180	8.400	8.190	8.390	8.180	8.500	8.190	8.490	8.180	8.600	8.190	8.590
CI 0132	8.305	8.525	8.315	8.515	8.305	8.625	8.315	8.615	8.305	8.725	8.315	8.715
CI 0134	8.430	8.650	8.440	8.640	8.430	8.750	8.440	8.740	8.430	8.850	8.440	8.840
CI 0136	8.555	8.775	8.565	8.765	8.555	8.875	8.565	8.865	8.555	8.975	8.565	8.965
CI 0138	8.680	8.900	8.690	8.890	8.680	9.000	8.690	8.990	8.680	9.100	8.690	9.090
CI 0140	8.805	9.025	8.815	9.015	8.805	9.125	8.815	9.115	8.805	9.225	8.815	9.215
CI 0142	8.930	9.150	8.940	9.140	8.930	9.250	8.940	9.240	8.930	9.350	8.940	9.340
CI 0144	9.055	9.275	9.065	9.265	9.055	9.375	9.065	9.365	9.055	9.475	9.065	9.465
CI 0146	9.180	9.400	9.190	9.390	9.180	9.500	9.190	9.490	9.180	9.600	9.190	9.590
CI 0148	9.305	9.525	9.315	9.515	9.305	9.625	9.315	9.615	9.305	9.725	9.315	9.715
CI 0150	9.430	9.650	9.440	9.640	9.430	9.750	9.440	9.740	9.430	9.850	9.440	9.840
CI 0152	9.555	9.775	9.565	9.765	9.555	9.875	9.565	9.865	9.555	9.975	9.565	9.965
CI 0154	9.680	9.900	9.690	9.890	9.680	10.000	9.690	9.990	9.680	10.100	9.690	10.090
CI 0156	9.805	10.025	9.815	10.015	9.805	10.125	9.815	10.115	9.805	10.225	9.815	10.215
CI 0158	9.930	10.150	9.940	10.140	9.930	10.250	9.940	10.240	9.930	10.350	9.940	10.340
CI 0160	10.055	10.275	10.065	10.265	10.055	10.375	10.065	10.365	10.055	10.475	10.065	10.465
	(max)	+ .012 - .000	(min)	+ .000 - .012	(max)	+ .012 - .000	(min)	+ 0.00 - .012	(max.)	+ .012 - .000	(min.)	+ .000 - .012
CI 0162	10.180	10.400	10.190	10.390	10.180	10.500	10.190	10.490	10.180	10.600	10.190	10.590
CI 0164	10.305	10.525	10.315	10.515	10.305	10.625	10.315	10.615	10.305	10.725	10.315	10.715
CI 0166	10.430	10.650	10.440	10.640	10.430	10.750	10.440	10.740	10.430	10.850	10.440	10.840
CI 0168	10.555	10.775	10.565	10.765	10.555	10.875	10.565	10.865	10.555	10.975	10.565	10.965
CI 0170	10.680	10.900	10.690	10.890	10.680	11.000	10.690	10.990	10.680	11.100	10.690	11.090
CI 0172	10.805	11.025	10.815	11.015	10.805	11.125	10.815	11.115	10.805	11.225	10.815	11.215
CI 0174	10.930	11.150	10.940	11.140	10.930	11.250	10.940	11.240	10.930	11.350	10.940	11.340
CI 0176	11.055	11.275	11.065	11.265	11.055	11.375	11.065	11.365	11.055	11.475	11.065	11.465
CI 0178	11.180	11.400	11.190	11.390	11.180	11.500	11.190	11.490	11.180	11.600	11.190	11.590

Seal Type & Diameter	Free Height 1/8				Free Height 3/16				Free Height 1/4			
	Cavity		Seal		Cavity		Seal		Cavity		Seal	
	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.
	(max)	+ .008 - .000	(min)	+ .000 - .008	(max)	+ .008 - .000	(min)	+ .000 - .008	(max)	+ .008 - .000	(min)	+ .000 - .008
CI 0180	11.305	11.525	11.315	11.515	11.305	11.625	11.315	11.615	11.305	11.725	11.315	11.715
CI 0182	11.430	11.650	11.440	11.640	11.430	11.750	11.440	11.740	11.430	11.850	11.440	11.840
CI 0184	11.555	11.775	11.565	11.765	11.555	11.875	11.565	11.865	11.555	11.975	11.565	11.965
CI 0186	11.680	11.900	11.690	11.890	11.680	12.000	11.690	11.990	11.680	12.100	11.690	12.090
CI 0188	11.805	12.025	11.815	12.015	11.805	12.125	11.815	12.115	11.805	12.225	11.815	12.215
CI 0190	11.930	12.150	11.940	12.140	11.930	12.250	11.940	12.240	11.930	12.350	11.940	12.340
CI 0192	12.055	12.275	12.065	12.265	12.055	12.375	12.065	12.365	12.055	12.475	12.065	12.465
CI 0194	12.180	12.400	12.190	12.390	12.180	12.500	12.190	12.490	12.180	12.600	12.190	12.590
CI 0196	12.305	12.525	12.315	12.515	12.305	12.625	12.315	12.615	12.305	12.725	12.315	12.715
CI 0198	12.430	12.650	12.440	12.640	12.430	12.750	12.440	12.740	12.430	12.850	12.440	12.840
CI 0200	12.555	12.775	12.565	12.765	12.555	12.875	12.565	12.865	12.555	12.975	12.565	12.965
CI 0202	12.680	12.900	12.690	12.890	12.680	13.000	12.690	12.990	12.680	13.100	12.690	13.090
CI 0204	12.805	13.025	12.815	13.015	12.805	13.125	12.815	13.115	12.805	13.225	12.815	13.215
CI 0206	12.930	13.150	12.940	13.140	12.930	13.250	12.940	13.240	12.930	13.350	12.940	13.340
CI 0208	13.055	13.275	13.065	13.265	13.055	13.375	13.065	13.365	13.055	13.475	13.065	13.465
CI 0210	13.180	13.400	13.190	13.390	13.180	13.500	13.190	13.490	13.180	13.600	13.190	13.590
CI 0212	13.305	13.525	13.315	13.515	13.305	13.625	13.315	13.615	13.305	13.725	13.315	13.715
CI 0214	13.430	13.650	13.440	13.640	13.430	13.750	13.440	13.740	13.430	13.850	13.440	13.840
CI 0216	13.555	13.775	13.565	13.765	13.555	13.875	13.565	13.865	13.555	13.975	13.565	13.965
CI 0218	13.680	13.900	13.690	13.890	13.680	14.000	13.690	13.990	13.680	14.100	13.690	14.090
CI 0220	13.805	14.025	13.815	14.015	13.805	14.125	13.815	14.115	13.805	14.225	13.815	14.215
CI 0222	13.930	14.150	13.940	14.140	13.930	14.250	13.940	14.240	13.930	14.350	13.940	14.340
CI 0224	14.055	14.275	14.065	14.265	14.055	14.375	14.065	14.365	14.055	14.475	14.065	14.465
CI 0226	14.180	14.400	14.190	14.390	14.180	14.500	14.190	14.490	14.180	14.600	14.190	14.590
CI 0228	14.305	14.525	14.315	14.515	14.305	14.625	14.315	14.615	14.305	14.725	14.315	14.715
CI 0230	14.430	14.650	14.440	14.640	14.430	14.750	14.440	14.740	14.430	14.850	14.440	14.840
CI 0232	14.555	14.775	14.565	14.765	14.555	14.875	14.565	14.865	14.555	14.975	14.565	14.965
CI 0234	14.680	14.900	14.690	14.890	14.680	15.000	14.690	14.990	14.680	15.100	14.690	15.090
CI 0236	14.805	15.025	14.815	15.015	14.805	15.125	14.815	15.115	14.805	15.225	14.815	15.215
CI 0238	14.930	15.150	14.940	15.140	14.930	15.250	14.940	15.240	14.930	15.350	14.940	15.340
CI 0240	15.055	15.275	15.065	15.265	15.055	15.375	15.065	15.365	15.055	15.475	15.065	15.465
	(max)	+ .015 - .000	(min)	+ .000 - .015	(max)	+ .015 - .000	(min)	+ 0.00 - .015	(max.)	+ .015 - .000	(min.)	+ .000 - .015
CI 0242	15.180	15.400	15.190	15.390	15.180	15.500	15.190	15.490	15.180	15.600	15.190	15.590
CI 0244	15.305	15.525	15.315	15.515	15.305	15.625	15.315	15.615	15.305	15.725	15.315	15.715

Seal Type & Diameter	Free Height 1/8				Free Height 3/16				Free Height 1/4			
	Cavity		Seal		Cavity		Seal		Cavity		Seal	
	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.
	(max)	+0.015 -0.000	(min)	+0.000 -0.015	(max)	+0.015 -0.000	(min)	+0.000 -0.015	(max.)	+0.015 -0.000	(min.)	+0.000 -0.015
CI 0246	15.430	15.650	15.440	15.640	15.430	15.750	15.440	15.740	15.430	15.850	15.440	15.840
CI 0248	15.555	15.775	15.565	15.765	15.555	15.875	15.565	15.865	15.555	15.975	15.565	15.965
CI 0250	15.680	15.900	15.690	15.890	15.680	16.000	15.690	15.990	15.680	16.100	15.690	16.090
CI 0252	15.805	16.025	15.815	16.015	15.805	16.125	15.815	16.115	15.805	16.225	15.815	16.215
CI 0254	15.930	16.150	15.940	16.140	15.930	16.250	15.940	16.240	15.930	16.350	15.940	16.340
CI 0256	16.055	16.275	16.065	16.265	16.055	16.375	16.065	16.365	16.055	16.475	16.065	16.465
CI 0258	16.180	16.400	16.190	16.390	16.180	16.500	16.190	16.490	16.180	16.600	16.190	16.590
CI 0260	16.305	16.525	16.315	16.515	16.305	16.625	16.315	16.615	16.305	16.725	16.315	16.715
CI 0262	16.430	16.650	16.440	16.640	16.430	16.750	16.440	16.740	16.430	16.850	16.440	16.840
CI 0264	16.555	16.775	16.565	16.765	16.555	16.875	16.565	16.865	16.555	16.975	16.565	16.965
CI 0266	16.680	16.900	16.690	16.890	16.680	17.000	16.690	16.990	16.680	17.100	16.690	17.090
CI 0268	16.805	17.025	16.815	17.015	16.805	17.125	16.815	17.115	16.805	17.225	16.815	17.215
CI 0270	16.930	17.150	16.940	17.140	16.930	17.250	16.940	17.240	16.930	17.350	16.940	17.340
CI 0272	17.055	17.275	17.065	17.265	17.055	17.375	17.065	17.365	17.055	17.475	17.065	17.465
CI 0274	17.180	17.400	17.190	17.390	17.180	17.500	17.190	17.490	17.180	17.600	17.190	17.590
CI 0276	17.305	17.525	17.315	17.515	17.305	17.625	17.315	17.615	17.305	17.725	17.315	17.715
CI 0278	17.430	17.650	17.440	17.640	17.430	17.750	17.440	17.740	17.430	17.850	17.440	17.840
CI 0280	17.555	17.775	17.565	17.765	17.555	17.875	17.565	17.865	17.555	17.975	17.565	17.965
CI 0282	17.680	17.900	17.690	17.890	17.680	18.000	17.690	17.990	17.680	18.100	17.690	18.090
CI 0284	17.805	18.025	17.815	18.015	17.805	18.125	17.815	18.115	17.805	18.225	17.815	18.215
CI 0286	17.930	18.150	17.940	18.140	17.930	18.250	17.940	18.240	17.930	18.350	17.940	18.340
CI 0288	18.055	18.275	18.065	18.265	18.055	18.375	18.065	18.365	18.055	18.475	18.065	18.465
CI 0290	18.180	18.400	18.190	18.390	18.180	18.500	18.190	18.490	18.180	18.600	18.190	18.590
CI 0292	18.305	18.525	18.315	18.515	18.305	18.625	18.315	18.615	18.305	18.725	18.315	18.715
CI 0294	18.430	18.650	18.440	18.640	18.430	18.750	18.440	18.740	18.430	18.850	18.440	18.840
CI 0296	18.555	18.775	18.565	18.765	18.555	18.875	18.565	18.865	18.555	18.975	18.565	18.965
CI 0298	18.680	18.900	18.690	18.890	18.680	19.000	18.690	18.990	18.680	19.100	18.690	19.090
CI 0300	18.805	19.025	18.815	19.015	18.805	19.125	18.815	19.115	18.805	19.225	18.815	19.215
CI 0302	18.930	19.150	18.940	19.140	18.930	19.250	18.940	19.240	18.930	19.350	18.940	19.340
CI 0304	19.055	19.275	19.065	19.265	19.055	19.375	19.065	19.365	19.055	19.475	19.065	19.465
CI 0306	19.180	19.400	19.190	19.390	19.180	19.500	19.190	19.490	19.180	19.600	19.190	19.590
CI 0308	19.305	19.525	19.315	19.515	19.305	19.625	19.315	19.615	19.305	19.725	19.315	19.715
CI 0310	19.430	19.650	19.440	19.640	19.430	19.750	19.440	19.740	19.430	19.850	19.440	19.840
CI 0312	19.555	19.775	19.565	19.765	19.555	19.875	19.565	19.865	19.555	19.975	19.565	19.965
CI 0314	19.680	19.900	19.690	19.890	19.680	20.000	19.690	19.990	19.680	20.100	19.690	20.090

Seal Type & Diameter	Free Height 1/8				Free Height 3/16				Free Height 1/4			
	Cavity		Seal		Cavity		Seal		Cavity		Seal	
	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.
	(max)	+0.015 -0.000	(min)	+0.000 -0.015	(max)	+0.015 -0.000	(min)	+0.000 -0.015	(max.)	+0.015 -0.000	(min.)	+0.000 -0.015
CI 0316	19.805	20.025	19.815	20.015	19.805	20.125	19.815	20.115	19.805	20.225	19.815	20.215
CI 0318	19.930	20.150	19.940	20.140	19.930	20.250	19.940	20.240	19.930	20.350	19.940	20.340

CI SERIES – INTERNAL PRESSURE FACE TYPE C-SEAL



WELD PERMITTED

PLATING MAY BE INCOMPLETE INSIDE C SECTION

SEAL DIAMETERS CAN BE OUT OF ROUND IN EXCESS OF TOLERANCES

SEE THE C-SEALS INTRODUCTION PAGES, FOR DETAILS OF SEAL FREE HEIGHT, CAVITY DEPTH AND RADIUS R

Seal Type & Diameter	Free Height 1.58				Free Height 2.36				Free Height 3.18			
	Cavity		Seal		Cavity		Seal		Cavity		Seal	
	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.
	(max)	+0.025 -0.000	(min)	+0.000 -0.051	(max)	+0.025 -0.000	(min)	+0.000 -0.051				
CI 0002	3.226	6.350	3.429	6.096	-	-	-	-	-	-	-	-
CI 0532	4.013	7.137	4.216	6.883	-	-	-	-	-	-	-	-
CI 0003	5.080	8.255	5.334	8.001	5.080	9.525	5.334	9.246	-	-	-	-
CI 0732	5.867	9.042	6.121	8.788	5.867	10.312	6.121	10.033	-	-	-	-
CI 0004	6.655	9.830	6.909	9.576	6.655	11.100	6.909	10.820	-	-	-	-
CI 0932	7.442	10.617	7.696	10.363	7.442	11.887	7.696	11.608	-	-	-	-
CI 0005	8.255	11.430	8.509	11.176	8.255	12.700	8.509	12.421	-	-	-	-
CI 1132	9.042	12.217	9.296	11.963	9.042	13.487	9.296	13.208	-	-	-	-
CI 0006	9.830	13.005	10.084	12.751	9.830	14.275	10.084	13.995	-	-	-	-
CI 1332	10.617	13.792	10.871	13.538	10.617	15.062	10.871	14.783	-	-	-	-
CI 0007	11.430	14.605	11.684	14.351	11.430	15.875	11.684	15.596	-	-	-	-
CI 1532	12.217	15.392	12.471	15.138	12.217	16.662	12.471	16.383	-	-	-	-
CI 0008	13.005	16.180	13.259	15.926	13.005	17.450	13.259	17.170	-	-	-	-
CI 1732	13.792	16.967	14.046	16.713	13.792	18.237	14.046	17.958	-	-	-	-
CI 0009	14.605	17.780	14.859	17.526	14.605	19.050	14.859	18.771	-	-	-	-
CI 1932	15.392	18.567	15.646	18.313	15.392	19.837	15.646	19.558	-	-	-	-
CI 0010	16.180	19.355	16.434	19.101	16.180	20.625	16.434	20.345	-	-	-	-
CI 2132	16.967	20.142	17.221	19.888	16.967	21.412	17.221	21.133	-	-	-	-
CI 0011	17.780	20.995	18.034	20.701	17.780	22.225	18.034	21.946	-	-	-	-
CI 2332	18.567	21.742	18.821	21.488	18.567	23.012	18.821	22.733	-	-	-	-

SEAL DIMENSIONS ARE IN MILLIMETRES AND ARE PRIOR TO PLATING OR COATING

Seal Type & Diameter	Free Height 1.58				Free Height 2.36				Free Height 3.18			
	Cavity		Seal		Cavity		Seal		Cavity		Seal	
	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.
	(max)	+0.051 -0.000	(min)	+0.000 -0.051	(max)	+0.051 -0.000	(min)	+0.000 -0.051	(max)	+0.051 -0.000	(min)	+0.000 -0.051
CI 0012	19.380	22.555	19.634	22.301	19.380	23.800	19.634	23.546	19.380	24.968	19.634	24.714
CI 2532	20.168	23.343	20.422	23.089	20.168	24.587	20.422	24.333	20.168	25.756	20.422	25.502
CI 0013	20.980	24.155	21.234	23.901	20.980	25.400	21.234	25.146	20.980	26.568	21.234	26.314
CI 2732	21.768	24.943	22.022	24.689	21.768	26.187	22.022	25.933	21.768	27.356	22.022	27.102
CI 0014	22.555	25.730	22.809	25.476	22.555	26.975	22.809	26.721	22.555	28.143	22.809	27.889
CI 2932	23.343	26.518	23.597	26.264	23.343	27.762	23.597	27.508	23.343	28.931	23.597	28.677
CI 0015	24.155	27.330	24.409	27.076	24.155	28.575	24.409	28.321	24.155	29.743	24.409	29.489
CI 3132	24.943	28.118	25.197	27.864	24.943	29.362	25.197	29.108	24.943	30.531	25.197	30.277
CI 0016	25.730	28.905	25.984	28.651	25.730	30.150	25.984	29.896	25.730	31.318	25.984	31.064
CI 0017	27.330	30.505	27.584	30.251	27.330	31.750	27.584	31.496	27.330	32.918	27.584	32.664
CI 0018	28.905	32.080	29.159	31.826	28.905	33.325	29.159	33.071	28.905	34.493	29.159	34.239
CI 0019	30.505	33.680	30.759	33.426	30.505	34.925	30.759	34.671	30.505	36.093	30.759	35.839
CI 0020	32.080	35.255	32.334	35.001	32.080	36.500	32.334	36.246	32.080	37.668	32.334	37.414
CI 0021	33.680	36.855	33.934	36.601	33.680	38.100	33.934	37.846	33.680	39.268	33.934	39.014
CI 0022	35.255	38.430	35.509	38.176	35.255	39.675	35.509	39.421	35.255	40.843	35.509	40.589
CI 0023	36.855	40.030	37.109	39.776	36.855	41.275	37.109	41.021	36.855	42.443	37.109	42.189
CI 0024	38.430	41.605	38.684	41.351	38.430	42.850	38.684	42.596	38.430	44.018	38.684	43.764
CI 0025	40.030	43.205	40.284	42.951	40.030	44.450	40.284	44.196	40.030	45.618	40.284	45.364
CI 0026	41.605	44.780	41.859	44.526	41.605	46.025	41.859	45.771	41.605	47.193	41.859	46.939
CI 0027	43.205	46.380	43.459	46.126	43.205	47.625	43.459	47.371	43.205	48.793	43.459	48.539
CI 0028	44.780	47.955	45.034	47.701	44.780	49.200	45.034	48.946	44.780	50.368	45.034	50.114
CI 0029	46.380	49.555	46.634	49.301	46.380	50.800	46.634	50.546	46.380	51.968	46.634	51.714
	(max)	+0.076 -0.000	(min)	+0.000 -0.076	(max)	+0.076 -0.000	(min)	+0.000 -0.076	(max.)	+0.076 -0.000	(min.)	+0.000 -0.076
CI 0030	47.955	51.130	48.209	50.876	47.955	52.375	48.209	52.121	47.955	53.543	48.209	53.289
CI 0031	49.555	52.730	49.809	52.476	49.555	53.975	49.809	53.721	49.555	55.143	49.809	54.889
CI 0032	51.562	54.737	51.816	54.483	51.562	55.982	51.816	55.728	51.562	57.150	51.816	56.896
CI 0033	53.137	56.312	53.391	56.058	53.137	57.556	53.391	57.302	53.137	58.725	53.391	58.471
CI 0034	54.737	57.912	54.991	57.658	54.737	59.157	54.991	58.903	54.737	60.325	54.991	60.071
CI 0035	56.312	59.487	56.566	59.233	56.312	60.731	56.566	60.477	56.312	61.900	56.566	61.646

Seal Type & Diameter	Free Height 1.58				Free Height 2.36				Free Height 3.18			
	Cavity		Seal		Cavity		Seal		Cavity		Seal	
	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.
	(max)	+0.076 -0.000	(min)	+0.000 -0.076	(max)	+0.076 -0.000	(min)	+0.000 -0.076	(max.)	+0.076 -0.000	(min.)	+0.000 -0.076
CI 0036	57.912	61.087	58.166	60.833	57.912	62.332	58.166	62.078	57.912	63.500	58.166	63.246
CI 0037	59.487	62.662	59.741	62.408	59.487	63.906	59.741	63.652	59.487	65.075	59.741	64.821
CI 0038	61.087	64.262	61.341	64.008	61.087	65.507	61.341	65.253	61.087	66.675	61.341	66.421
CI 0039	62.662	65.837	62.916	65.583	62.662	67.081	62.916	66.827	62.662	68.250	62.916	67.996
CI 0040	64.262	67.437	64.516	67.183	64.262	68.682	64.516	68.428	64.262	69.850	64.516	69.596
CI 0041	65.837	69.012	66.091	68.758	65.837	70.256	66.091	70.002	65.837	71.425	66.091	71.171
CI 0042	67.437	70.612	67.691	70.358	67.437	71.857	67.691	71.603	67.437	73.025	67.691	72.771
CI 0043	69.012	72.187	69.266	71.933	69.012	73.431	69.266	73.177	69.012	74.600	69.266	74.346
CI 0044	70.612	73.787	70.866	73.533	70.612	75.032	70.866	74.778	70.612	76.200	70.866	75.946
CI 0045	72.187	75.362	72.441	75.108	72.187	76.606	72.441	76.352	72.187	77.775	72.441	77.521
CI 0046	73.787	76.708	74.041	76.454	73.787	78.207	74.041	77.953	73.787	79.375	74.041	79.121
CI 0047	75.362	78.283	75.616	78.029	75.362	79.781	75.616	79.527	75.362	80.950	75.616	80.696
CI 0048	76.962	79.883	77.216	79.629	76.962	81.382	77.216	81.128	76.962	82.550	77.216	82.296
	(max)	+0.102 -0.000	(min)	+0.000 -0.102	(max)	+0.102 -0.000	(min)	+0.000 -0.102	(max.)	+0.102 -0.000	(min.)	+0.000 -0.102
CI 0049	78.537	81.458	78.791	81.204	78.537	82.956	78.791	82.702	78.537	84.125	78.791	83.871
CI 0050	80.137	83.058	80.391	82.804	80.137	84.557	80.391	84.303	80.137	85.725	80.391	85.471
CI 0051	81.712	84.633	81.966	84.379	81.712	86.131	81.966	85.877	81.712	87.300	81.966	87.046
CI 0052	83.312	86.233	83.566	85.979	83.312	87.732	83.566	87.478	83.312	88.900	83.566	88.646
CI 0053	84.887	87.808	85.141	87.554	84.887	89.306	85.141	89.052	84.887	90.475	85.141	90.221
CI 0054	86.487	89.408	86.741	89.154	86.487	90.907	86.741	90.653	86.487	92.075	86.741	91.821
CI 0055	88.062	90.983	88.316	90.729	88.062	92.481	88.316	92.227	88.062	93.650	88.316	93.142
CI 0056	89.662	92.583	89.916	92.329	89.662	94.082	89.916	93.828	89.662	95.250	89.916	94.996
Seal Type & Diameter	Free Height 3.18				Free Height 4.75				Free Height 6.35			
	Cavity		Seal		Cavity		Seal		Cavity		Seal	
	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.
	(max)	+0.102 -0.000	(min)	+0.000 -0.102	(max)	+0.102 -0.000	(min)	+0.000 -0.102	(max.)	+0.102 -0.000	(min.)	+0.000 -0.102
CI 0057	91.237	96.825	91.491	96.571	91.237	99.365	91.491	99.111	-	-	-	-
CI 0058	92.837	98.425	93.091	98.171	92.837	100.965	93.091	100.711	-	-	-	-
CI 0059	94.412	100.000	94.666	99.746	94.412	102.540	94.666	102.286	-	-	-	-
CI 0060	96.012	101.600	96.266	101.346	96.012	104.140	96.266	103.886	-	-	-	-
CI 0061	97.587	103.175	97.841	102.921	97.587	105.715	97.841	105.461	-	-	-	-

Seal Type & Diameter	Free Height 3.18				Free Height 4.75				Free Height 6.35			
	Cavity		Seal		Cavity		Seal		Cavity		Seal	
	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.
	(max)	+ .102 - .000	(min)	+ .000 - .102	(max)	+ .102 - .000	(min)	+ .000 - .102	(max.)	+ .102 - .000	(min.)	+ .000 - .102
CI 0062	99.187	104.775	99.441	104.521	99.187	107.315	99.441	107.061	-	-	-	-
CI 0063	100.762	106.350	101.016	106.096	100.762	108.890	101.016	108.636	-	-	-	-
CI 0064	102.997	108.585	103.251	108.331	102.997	111.125	103.251	110.871	102.997	113.665	103.251	113.411
CI 0065	104.572	110.160	104.826	109.906	104.572	112.700	104.826	112.446	104.572	115.240	104.826	114.986
CI 0066	106.172	111.760	106.426	111.506	106.172	114.300	106.426	114.046	106.172	116.840	106.426	116.586
CI 0067	107.747	113.335	108.001	113.081	107.747	115.875	108.001	115.621	107.747	118.415	108.001	118.161
CI 0068	109.347	114.935	109.601	114.681	109.347	117.475	109.601	117.221	109.347	120.015	109.601	119.761
CI 0069	110.922	116.510	111.176	116.256	110.922	119.050	111.176	118.796	110.922	121.590	111.176	121.336
CI 0070	112.522	118.110	112.776	117.856	112.522	120.650	112.776	120.396	112.522	123.190	112.776	122.936
CI 0071	114.097	119.685	114.351	119.431	114.097	122.225	114.351	121.971	114.097	124.765	114.351	124.511
CI 0072	115.697	121.285	115.951	121.031	115.697	123.825	115.951	123.571	115.697	126.365	115.951	126.111
CI 0073	117.272	122.860	117.526	122.606	117.272	125.400	117.526	125.146	117.272	127.940	117.526	127.686
CI 0074	118.872	124.460	119.126	124.206	118.872	127.000	119.126	126.746	118.872	129.540	119.126	129.286
CI 0075	120.447	126.035	120.701	125.871	120.447	128.575	120.701	128.321	120.447	131.115	120.701	130.861
CI 0076	122.047	127.635	122.301	127.381	122.047	130.175	122.301	129.921	122.047	132.715	122.301	132.461
CI 0077	123.622	129.210	123.876	128.956	123.622	131.750	123.876	131.496	123.622	134.290	123.876	134.036
CI 0078	125.222	130.810	125.476	130.556	125.222	133.350	125.476	133.096	125.222	135.890	125.476	135.636
CI 0079	126.797	132.385	127.051	132.131	126.797	134.925	127.051	134.671	126.797	137.465	127.051	137.211
CI 0080	128.397	133.985	128.651	133.731	128.397	136.525	128.651	136.271	128.397	139.065	128.651	138.811
	(max)	+ .152 - .000	(min)	+ .000 - .152	(max)	+ .152 - .000	(min)	+ .000 - .152	(max.)	+ .152 - .000	(min.)	+ .000 - .152
CI 0081	129.972	135.560	130.226	135.306	129.972	138.100	130.226	137.846	129.972	140.640	130.226	140.386
CI 0082	131.572	137.160	131.826	136.906	131.572	139.700	131.826	139.446	131.572	142.240	131.826	141.986
CI 0083	133.147	138.735	133.401	138.481	133.147	141.275	133.401	141.021	133.147	143.815	133.401	143.561
CI 0084	134.747	140.335	135.001	140.081	134.747	142.875	135.001	142.621	134.747	145.415	135.001	145.161
CI 0085	136.322	141.910	136.576	141.656	136.322	144.450	136.576	144.196	136.322	146.990	136.576	146.736
CI 0086	137.922	143.510	138.176	143.256	137.922	146.050	138.176	145.796	137.922	148.590	138.176	148.336
CI 0087	139.497	145.085	139.751	144.831	139.497	147.625	139.751	147.371	139.497	150.165	139.751	149.911
CI 0088	141.097	146.685	141.351	146.431	141.097	149.225	141.351	148.971	141.097	151.765	141.351	151.511
CI 0089	142.672	148.260	142.926	148.006	142.672	150.800	142.926	150.546	142.672	153.340	142.926	153.086
CI 0090	144.272	149.860	144.526	149.606	144.272	152.400	144.526	152.146	144.272	154.940	144.526	154.686

Seal Type & Diameter	Free Height 3.18				Free Height 4.75				Free Height 6.35			
	Cavity		Seal		Cavity		Seal		Cavity		Seal	
	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.
	(max)	+ .152 - .000	(min)	+ .000 - .152	(max)	+ .152 - .000	(min)	+ .000 - .152	(max.)	+ .152 - .000	(min.)	+ .000 - .152
CI 0092	147.447	153.035	147.701	152.781	147.447	155.575	147.701	155.321	147.447	158.115	147.701	157.861
CI 0094	150.622	156.210	150.876	155.956	150.622	158.750	150.876	158.496	150.622	161.290	150.876	161.036
CI 0096	153.797	159.385	154.051	159.131	153.797	161.925	154.051	161.671	153.797	164.465	154.051	164.211
CI 0098	156.972	162.560	157.226	162.306	156.972	165.100	157.226	164.846	156.972	167.640	157.226	167.386
CI 0100	160.147	165.735	160.401	165.481	160.147	168.275	160.401	168.021	160.147	170.815	160.401	170.561
CI 0102	163.322	168.910	163.576	168.656	163.322	171.450	163.576	171.196	163.322	173.990	163.576	173.736
CI 0104	166.497	172.085	166.751	171.831	166.497	174.625	166.751	174.371	166.497	177.165	166.751	176.911
CI 0106	169.672	175.260	169.926	175.006	169.672	177.800	169.926	177.546	169.672	180.340	169.926	180.086
CI 0108	172.847	178.435	173.101	178.181	172.847	180.975	173.101	180.721	172.847	183.515	173.101	183.261
CI 0110	176.022	181.610	176.276	181.356	176.022	184.150	176.276	183.896	176.022	186.690	176.276	186.436
CI 0112	179.197	184.785	179.451	184.531	179.197	187.325	179.451	187.071	179.197	189.865	179.451	189.611
	(max)	+ .203 - .000	(min)	+ .000 - .203	(max)	+ .203 - .000	(min)	+ .000 - .203	(max.)	+ .203 - .000	(min.)	+ .000 - .203
CI 0114	182.372	187.960	182.626	187.706	182.372	190.500	182.626	190.246	182.372	193.040	182.626	192.786
CI 0116	185.547	191.135	185.801	190.881	185.547	193.675	185.801	193.421	185.547	196.215	185.801	195.961
CI 0118	188.722	194.310	188.976	194.056	188.722	196.850	188.976	196.596	188.722	199.390	188.976	199.136
CI 0120	191.897	197.485	192.151	197.231	191.897	200.025	192.151	199.771	191.897	202.565	192.151	202.311
CI 0122	195.072	200.660	195.326	200.406	195.072	203.200	195.326	202.946	195.072	205.740	195.326	205.486
CI 0124	198.247	203.835	198.501	203.581	198.247	206.375	198.501	206.121	198.247	208.915	198.501	208.661
CI 0126	201.422	207.010	201.676	206.756	201.422	209.550	201.676	209.296	201.422	212.090	201.676	211.836
CI 0128	204.597	210.185	204.851	209.931	204.597	212.725	204.851	212.471	204.597	215.265	204.851	215.011
CI 0130	207.772	213.360	208.026	213.106	207.772	215.900	208.026	215.646	207.772	218.440	208.026	218.186
CI 0132	210.947	216.535	211.201	216.281	210.947	219.075	211.201	218.821	210.947	221.615	211.201	221.361
CI 0134	214.122	219.710	214.376	219.456	214.122	222.250	214.376	221.996	214.122	224.790	214.376	224.536
CI 0136	217.297	222.885	217.551	222.631	217.297	225.425	217.551	225.171	217.297	228.965	217.551	227.711
CI 0138	220.472	226.060	220.726	225.806	220.472	228.600	220.726	228.346	220.472	231.140	220.726	230.886
CI 0140	223.647	229.235	223.901	228.981	223.647	231.775	223.901	231.521	223.647	234.315	223.901	234.061
CI 0142	226.822	232.410	227.076	232.156	226.822	234.950	227.076	234.696	226.822	237.490	227.076	237.236
CI 0144	229.997	235.585	230.251	235.331	229.997	238.125	230.251	237.871	229.997	240.665	230.251	240.411
CI 0146	233.172	238.760	233.426	238.506	233.172	241.300	233.426	241.046	233.172	243.840	233.426	243.586
CI 0148	236.347	241.935	236.601	241.681	236.347	244.475	236.601	244.221	236.347	247.015	236.601	246.761

Seal Type & Diameter	Free Height 3.18				Free Height 4.75				Free Height 6.35			
	Cavity		Seal		Cavity		Seal		Cavity		Seal	
	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.
	(max)	+ .203 - .000	(min)	+ .000 - .203	(max)	+ .203 - .000	(min)	+ .000 - .203	(max.)	+ .203 - .000	(min.)	+ .000 - .203
CI 0150	239.522	245.110	239.776	244.856	239.522	247.650	239.776	247.396	239.522	250.190	239.776	249.936
CI 0152	242.697	248.285	242.951	248.031	242.697	250.825	242.951	250.571	242.697	253.365	242.951	253.111
CI 0154	245.872	251.460	246.126	251.206	245.872	254.000	246.126	253.746	245.872	256.540	246.126	256.286
CI 0156	249.047	254.635	249.301	254.381	249.047	257.175	249.301	256.921	249.047	259.715	249.301	259.461
CI 0158	252.222	257.810	252.476	257.556	252.222	260.350	252.476	260.096	252.222	262.890	252.476	262.636
CI 0160	255.397	260.985	255.651	260.731	255.397	263.525	255.651	263.271	255.397	266.065	255.651	265.811
	(max)	+ .305 - .000	(min)	+ .000 - .305	(max)	+ .305 - .000	(min)	+ .000 - .305	(max.)	+ .305 - .000	(min.)	+ .000 - .305
CI 0162	258.572	264.160	258.826	263.906	258.572	266.700	258.826	266.446	258.572	269.240	258.826	268.986
CI 0164	261.747	267.335	262.001	267.081	261.747	269.875	262.001	269.621	261.747	272.415	262.001	272.161
CI 0166	264.922	270.510	265.176	270.256	264.922	273.050	265.176	272.796	264.922	275.590	265.176	275.336
CI 0168	268.097	273.685	268.351	273.431	268.097	276.225	268.351	275.971	268.097	278.765	268.351	278.511
CI 0170	271.272	276.860	271.526	276.606	271.272	279.400	271.526	279.146	271.272	281.940	271.526	281.686
CI 0172	274.447	280.035	274.701	279.781	274.447	282.575	274.701	282.321	274.447	285.115	274.701	284.861
CI 0174	277.622	283.210	277.876	282.956	277.622	285.750	277.876	285.496	277.622	288.290	277.876	288.036
CI 0176	280.797	286.385	281.051	286.131	280.797	288.925	281.051	288.671	280.797	291.465	281.051	291.211
CI 0178	283.972	289.560	284.226	289.306	283.972	292.100	284.226	291.846	283.972	294.640	284.226	294.386
CI 0180	287.147	292.735	287.401	292.481	287.147	295.275	287.401	295.021	287.147	297.815	287.401	297.561
CI 0182	290.322	295.910	290.576	295.656	290.322	298.450	290.576	298.196	290.322	300.990	290.576	300.736
CI 0184	293.497	299.085	293.751	298.831	293.497	301.625	293.751	301.371	293.497	304.165	293.751	303.911
CI 0186	296.672	302.260	296.926	302.006	296.672	304.800	296.926	304.546	296.672	307.340	296.926	307.086
CI 0188	299.847	305.435	300.101	305.181	299.847	307.975	300.101	307.721	299.847	310.515	300.101	310.261
CI 0190	303.022	308.610	303.276	308.356	303.022	311.150	303.276	310.896	303.022	313.690	303.276	313.436
CI 0192	306.197	311.785	306.451	311.531	306.197	314.325	306.451	314.071	306.197	316.865	306.451	316.611
CI 0194	309.372	314.960	309.626	314.706	309.372	317.500	309.626	317.246	309.372	320.040	309.626	319.786
CI 0196	312.547	318.135	312.801	317.881	312.547	320.675	312.801	320.421	312.547	323.215	312.801	322.961
CI 0198	315.722	321.310	315.976	321.056	315.722	323.850	315.976	323.596	315.722	326.390	315.976	326.136
CI 0200	318.897	324.485	319.151	324.231	318.897	327.025	319.151	326.771	318.897	329.565	319.151	329.311
CI 0202	322.072	327.660	322.326	327.406	322.072	330.200	322.326	329.946	322.072	332.740	322.326	332.486
CI 0204	325.247	330.835	325.501	330.581	325.247	333.375	325.501	333.121	325.247	335.915	325.501	335.661
CI 0206	328.422	334.010	328.676	333.756	328.422	336.550	328.676	336.296	328.422	339.090	328.676	338.836

Seal Type & Diameter	Free Height 3.18				Free Height 4.75				Free Height 6.35			
	Cavity		Seal		Cavity		Seal		Cavity		Seal	
	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.
	(max)	+ .305 - .000	(min)	+ .000 - .305	(max)	+ .305 - .000	(min)	+ .000 - .305	(max.)	+ .305 - .000	(min.)	+ .000 - .305
CI 0208	331.597	337.185	331.851	336.931	331.597	339.725	331.851	339.471	331.597	342.265	331.851	342.011
CI 0210	334.772	340.360	335.026	340.106	334.772	342.900	335.026	342.646	334.772	345.440	335.026	345.186
CI 0212	337.947	343.535	338.201	343.281	337.947	346.075	338.201	345.821	337.947	348.615	338.201	348.361
CI 0214	341.122	346.710	341.376	346.456	341.122	349.250	341.376	348.996	341.122	351.790	341.376	351.536
CI 0216	344.297	349.885	344.551	349.631	344.297	352.425	344.551	352.171	344.297	354.965	344.551	354.711
CI 0218	347.472	353.060	347.726	352.806	347.472	355.600	347.726	355.364	347.472	358.140	347.726	357.886
CI 0220	350.647	356.235	350.901	355.981	350.647	358.775	350.901	358.521	350.647	361.315	350.901	361.061
CI 0222	353.822	359.410	354.076	359.156	353.822	361.950	354.076	361.696	353.822	364.490	354.076	364.236
CI 0224	356.997	362.585	357.251	362.331	356.997	365.125	357.251	364.871	356.997	367.665	357.251	367.411
CI 0226	360.172	365.760	360.426	365.506	360.172	368.300	360.426	368.046	360.172	370.840	360.426	370.586
CI 0228	363.347	368.935	363.601	368.681	363.347	371.475	363.601	371.221	363.347	374.015	363.601	373.761
CI 0230	366.522	372.110	366.776	371.856	366.522	374.650	366.776	374.396	366.522	377.190	366.776	376.936
CI 0232	369.697	375.285	369.951	375.031	369.697	377.825	369.951	377.571	369.697	380.365	369.951	380.111
CI 0234	372.872	378.460	373.126	378.206	372.872	381.000	373.126	380.746	372.872	383.540	373.126	383.286
CI 0236	376.047	381.635	376.301	381.381	376.047	384.175	376.301	383.921	376.047	386.715	376.301	386.461
CI 0238	379.222	384.810	379.476	384.556	379.222	387.350	379.476	387.096	379.222	389.890	379.476	389.636
CI 0240	382.397	387.985	382.651	387.731	382.397	390.525	382.651	390.271	382.397	393.065	382.651	392.811
	(max)	+ .381 - .000	(min)	+ .000 - .381	(max)	+ .381 - .000	(min)	+ .000 - .381	(max.)	+ .381 - .000	(min.)	+ .000 - .381
CI 0242	385.572	391.160	385.826	390.906	385.572	393.700	385.826	393.446	385.572	396.240	385.826	395.986
CI 0244	388.747	394.335	389.001	394.081	388.747	396.875	389.001	396.621	388.747	399.415	389.001	399.161
CI 0246	391.922	397.510	392.176	397.256	391.922	400.050	392.176	399.796	391.922	402.590	392.176	402.336
CI 0248	395.097	400.685	395.351	400.431	395.097	403.225	395.351	402.971	395.097	405.765	395.351	405.511
CI 0250	398.272	403.860	398.526	403.606	398.272	406.400	398.526	406.146	398.272	408.940	398.526	408.686
CI 0252	401.447	407.035	401.701	406.781	401.447	409.575	401.701	409.321	401.447	412.115	401.701	411.861
CI 0254	404.622	410.210	404.876	409.956	404.622	412.750	404.876	412.496	404.622	415.290	404.876	415.036
CI 0256	407.797	413.385	408.051	413.131	407.797	415.925	408.051	415.671	407.797	418.465	408.051	418.211
CI 0258	410.972	416.560	411.226	416.306	410.972	419.100	411.226	418.846	410.972	421.640	411.226	421.386
CI 0260	414.147	419.735	414.401	419.481	414.147	422.275	414.401	422.021	414.147	424.815	414.401	424.561
CI 0262	417.322	422.910	417.576	422.656	417.322	425.450	417.576	425.196	417.322	427.990	417.576	427.736
CI 0264	420.497	426.085	420.751	425.831	420.497	428.625	420.751	428.371	420.497	431.165	420.751	430.911

Seal Type & Diameter	Free Height 3.18				Free Height 4.75				Free Height 6.35			
	Cavity		Seal		Cavity		Seal		Cavity		Seal	
	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.
	(max)	+ .381 - .000	(min)	+ .000 - .381	(max)	+ .381 - .000	(min)	+ .000 - .381	(max.)	+ .381 - .000	(min.)	+ .000 - .381
CI 0266	423.672	429.260	423.926	429.006	423.672	431.800	423.926	431.546	423.672	434.340	423.926	434.086
CI 0268	426.847	432.435	427.101	432.181	426.847	434.975	427.101	434.721	426.847	437.515	427.101	437.261
CI 0270	430.022	435.610	430.276	435.356	430.022	438.150	430.276	437.896	430.022	440.690	430.276	440.436
CI 0272	433.197	438.785	433.451	438.531	433.197	441.325	433.451	441.071	433.197	443.865	433.451	443.611
CI 0274	436.372	441.960	436.626	441.706	436.372	444.500	436.626	444.246	436.372	447.040	436.626	446.786
CI 0276	439.547	445.135	439.801	444.881	439.547	447.675	439.801	447.421	439.547	450.215	439.801	449.961
CI 0278	442.722	448.310	442.976	448.056	442.722	450.850	442.976	450.596	442.722	453.390	442.976	453.136
CI 0280	445.897	451.485	446.151	451.231	445.897	454.025	446.151	453.771	445.897	456.565	446.151	456.311
CI 0282	449.072	454.660	449.326	454.406	449.072	457.200	449.326	456.946	449.072	459.740	449.326	459.486
CI 0284	452.247	457.835	452.501	457.581	452.247	460.375	452.501	460.121	452.247	462.915	452.501	462.661
CI 0286	455.422	461.010	455.676	460.756	455.422	463.550	455.676	463.296	455.422	466.090	455.676	465.836
CI 0288	458.597	464.185	458.851	463.931	458.597	466.725	458.851	466.471	458.597	469.265	458.851	469.011
CI 0290	461.772	467.360	462.026	467.106	461.772	469.900	462.026	469.646	461.772	472.440	462.026	472.186
CI 0292	464.947	470.535	465.201	470.281	464.947	473.075	465.201	472.821	464.947	475.615	465.201	475.361
CI 0294	468.122	473.710	468.376	473.456	468.122	476.250	468.376	475.996	468.122	478.790	468.376	478.536
CI 0296	471.297	476.885	471.551	476.631	471.297	479.425	471.551	479.171	471.297	481.965	471.551	481.711
CI 0298	474.472	480.060	474.726	479.806	474.472	482.600	474.726	482.346	474.472	485.140	474.726	484.886
CI 0300	477.647	483.235	477.901	482.981	477.647	485.775	477.901	485.521	477.647	488.315	477.901	488.061
CI 0302	480.822	486.410	481.076	486.156	480.822	488.950	481.076	488.696	480.822	491.490	481.076	491.236
CI 0304	483.997	489.585	484.251	489.331	483.997	492.125	484.251	491.871	483.997	494.665	484.251	494.411
CI 0306	487.172	492.760	487.426	492.506	487.172	495.300	487.426	495.046	487.172	497.840	487.426	497.586
CI 0308	490.347	495.935	490.601	495.681	490.347	498.475	490.601	498.221	490.347	501.015	490.601	500.761
CI 0310	493.522	499.110	493.776	498.856	493.522	501.650	493.776	501.396	493.522	504.190	493.776	503.936
CI 0312	496.697	502.285	496.951	502.031	496.697	504.825	496.951	504.571	496.697	507.365	496.951	507.111
CI 0314	499.872	505.460	500.126	505.206	499.872	508.000	500.126	507.746	499.872	510.540	500.126	510.286
CI 0316	503.047	508.635	503.301	508.381	503.047	511.175	503.301	510.921	503.047	513.715	503.301	513.461
CI 0318	506.222	511.810	506.476	511.556	506.222	514.350	506.476	514.096	506.222	516.890	506.476	516.636