

Compound Shrinkage Class

Compound Number	Shrinkage Class	Compound Number	Shrinkage Class	Compound Number	Shrinkage Class
47-071	AN	N0545-40	I	C0873-70	AN
N0103-70	AN	N0552-90	-1	V0884-75*	III
C0267-50	AN	C0557-70	AN	E0893-80	AN
N0287-70	AN	S0595-50	II	V0894-90*	II
N0299-50	I	N0602-70	AN	C0944-70	-1
N0304-75	AN	E0603-70	AN	N0951-75	AN
S0317-60	II	S0604-70	I	E0962-90	3
S0355-75	IV	B0612-70	I	E1028-70	AN
S0383-70	II	S0613-60	AN	N1090-85	I
N0406-60	I	S0614-80	AN	LM159-70	IV
S0455-70	V	P0642-70	2	C1124-70	AN
S0469-40	III	E0652-90	-1	LM158-60	IV
N0497-70	-1	E0667-70	I	LM160-80	II
N0506-65	I	N0674-70	AN	L1186-80	II
N0507-90	-1	V0680-70*	II	V1164-75*	III
N0508-75	-1	E0692-75	AN	V1226-75*	III
E0515-80	AN	V0709-90*	III	VM835-75	III
C0518-60	AN	E0740-75	AN	V1289-75	III
N0525-60	AN	V0747-75*	III		
E0540-80	AN	E0803-70	I		

* Fluorocarbon compounds that have CLASS III shrinkage are manufactured using special compensated molds that will give nominal dimensions equivalent to the corresponding standard AN size. However, the tolerance spread will be that of a CLASS III shrinkage material unless otherwise specified.

** Run on Compensated Tooling.

Note: The O-Ring Division is constantly developing new materials to solve customer needs. For the most up-to-date information, contact the O-Ring Division directly.

Table 10-7: Compound Shrinkage Class

Dimensions From Standard Tooling

The following are the anticipated dimensions and tolerances for O-rings from compounds having various shrinkage rates when molded in standard tooling (tooling produced to al-

low for the average or AN shrinkage rate). The shrinkage classes of a number of popular Parker Compounds are listed in Table 10-7.

Dimensions From Standard Tooling

Parker Size Number	Class -1				Class AN				Class I				Class II			
	ID	Tol ±	W	Tol ±	ID	Tol ±	W	Tol ±	ID	Tol ±	W	Tol ±	ID	Tol ±	W	Tol ±
2-001	.029	.004	.040	.003	.029	.004	.040	.003	.029	.004	.040	.004	.029	.004	.040	.004
2-002	.042	.004	.050		.042	.004	.050		.042	.004	.050		.042	.004	.049	
2-003	.056	.004	.060		.056	.004	.060		.056	.004	.060		.055	.004	.059	
2-004	.070	.005	.070		.070	.005	.070		.070	.005	.070		.069	.005	.069	
2-005	.102				.101				.100				.100			
2-006	.115				.114				.113				.113			
2-007	.146				.145				.144				.143			
2-008	.177				.176				.175				.174			
2-009	.209				.208				.207				.206	.005		
2-010	.240				.239				.238				.236	.006		
2-011	.303				.301				.299				.298			
2-012	.366				.364				.362	.005			.360			
2-013	.429				.426				.423	.006			.421	.006		
2-014	.492	.005			.489	.005			.486	.006			.484	.006		
2-015	.554	.007			.551	.007			.548	.008			.545	.008		
2-016	.618	.009			.614	.009			.610	.010			.607	.010		
2-017	.680	.009			.676	.009			.672	.010			.669	.011		
2-018	.743	.009			.739	.009			.735	.010			.731	.011		
2-019	.806	.009			.801	.009			.796	.010			.792	.011		
2-020	.869	.009			.864	.009			.859	.010			.854	.011		
2-021	.932	.009			.926	.009			.920	.010			.916	.011		
2-022	.995	.010			.989	.010			.983	.011			.978	.012		
2-023	1.057	.010			1.051	.010			1.045	.011			1.039	.013		
2-024	1.121	.010			1.114	.010			1.107	.011			1.102	.013		
2-025	1.183	.011			1.176	.011			1.169	.012			1.163	.014		
2-026	1.246	.011			1.239	.011			1.232	.012			1.225	.014		
2-027	1.309	.011			1.301	.011			1.293	.013			1.287	.014		
2-028	1.372	.013			1.364	.013			1.356	.015			1.349	.016		
2-029	1.498	.013			1.489	.013			1.480	.015			1.473	.017		
2-030	1.624	.013			1.614	.013			1.604	.015			1.596	.017		
2-031	1.749	.015			1.739	.015			1.729	.017			1.720	.019		
2-032	1.875	.015			1.864	.015			1.853	.017			1.843	.019		
2-033	2.001	.018			1.989	.018			1.977	.020			1.967	.023		
2-034	2.127	.018			2.114	.018			2.101	.021			2.091	.023		
2-035	2.252	.018			2.239	.018			2.226	.021			2.214	.023		
2-036	2.378	.018			2.364	.018			2.350	.021			2.338	.024		
2-037	2.504	.018			2.489	.018			2.474	.021			2.462	.024		
2-038	2.630	.020			2.614	.020			2.598	.023			2.585	.026		
2-039	2.755	.020			2.739	.020			2.723	.023			2.709	.027		
2-040	2.881	.020			2.864	.020			2.847	.023			2.832	.027		
2-041	3.007	.024			2.989	.024			2.971	.028			2.956	.031		
2-042	3.258	.024			3.239	.024			3.220	.028			3.203	.032		
2-043	3.510	.024			3.489	.024			3.468	.028			3.451	.032		
2-044	3.761	.027			3.739	.027			3.717	.031			3.698	.036		
2-045	4.013	.027			3.989	.027			3.965	.032			3.945	.037		
2-046	4.264	.030			4.239	.030			4.214	.035			4.192	.040		
2-047	4.516	.030			4.489	.030			4.462	.035			4.440	.041		
2-048	4.767	.030			4.739	.030			4.711	.036			4.687	.041		
2-049	5.019	.037			4.989	.037			4.959	.043			4.934	.049		
2-050	5.270	.037	.070	.003	5.239	.037	.070	.003	5.208	.043	.070	.004	5.181	.050	.069	.004

Table 10-8: Dimensions From Standard Tooling

Dimensions From Standard Tooling (Continued)

Parker Size Number	Class III				Class IV				Class V				Class VI			
	ID	Tol ±	W	Tol ±	ID	Tol ±	W	Tol ±	ID	Tol ±	W	Tol ±	ID	Tol ±	W	Tol ±
2-001	.029	.004	.039	.004	.028	.004	.039	.004	.028	.004	.039	.004	.028	.004	.039	.004
2-002	.041	.004	.049		.041	.004	.049		.041	.004	.049		.041	.004	.048	
2-003	.055	.004	.059		.055	.004	.059		.055	.004	.058		.054	.004	.058	
2-004	.069	.005	.069		.069	.005	.069		.068	.005	.068		.068	.006	.068	
2-005	.099	.005			.099	.005			.098	.006			.098	.006		
2-006	.112	.005			.112	.006			.111	.006			.110	.006		
2-007	.143	.006			.142	.006			.141	.006			.141	.006		
2-008	.173	.006			.172	.006			.171	.006			.171	.006		
2-009	.205	.006			.204	.006			.203	.006			.202	.006		
2-010	.235	.006			.234	.006			.233	.006			.232	.007		
2-011	.296	.006			.295	.006			.293	.007			.292	.007		
2-012	.358	.006			.356	.007			.355	.007			.353	.008		
2-013	.419	.007			.417	.007			.415	.008			.413	.008		
2-014	.481	.007			.479	.007			.476	.008			.474	.009		
2-015	.542	.009			.539	.010			.537	.010			.534	.011		
2-016	.604	.011			.601	.012			.598	.013			.595	.013		
2-017	.665	.011			.662	.012			.658	.013			.655	.014		
2-018	.727	.012			.723	.013			.720	.013			.716	.014		
2-019	.788	.012			.784	.013			.780	.014			.776	.015		
2-020	.850	.012			.846	.013			.842	.014			.837	.015		
2-021	.911	.012			.907	.013			.902	.015			.897	.016		
2-022	.973	.014			.968	.015			.963	.016			.958	.017		
2-023	1.034	.014			1.029	.015			1.024	.016			1.018	.018		
2-024	1.096	.014			1.091	.015			1.085	.017			1.079	.018		
2-025	1.157	.015			1.151	.017			1.145	.018			1.140	.019		
2-026	1.219	.015			1.213	.017			1.207	.018			1.201	.020		
2-027	1.280	.016			1.274	.017			1.267	.019			1.261	.020		
2-028	1.342	.018			1.335	.020			1.329	.021			1.322	.023		
2-029	1.465	.018			1.458	.020			1.450	.022			1.443	.024		
2-030	1.588	.019			1.580	.021			1.572	.023			1.564	.025		
2-031	1.711	.021			1.702	.023			1.694	.025			1.685	.028		
2-032	1.834	.022			1.825	.024			1.816	.026			1.806	.028		
2-033	1.957	.025			1.947	.028			1.937	.030			1.927	.032		
2-034	2.080	.026			2.070	.028			2.059	.031			2.048	.033		
2-035	2.203	.026			2.192	.029			2.181	.031			2.170	.034		
2-036	2.326	.027			2.314	.029			2.303	.032			2.291	.035		
2-037	2.449	.027			2.437	.030			2.424	.033			2.412	.036		
2-038	2.572	.029			2.559	.033			2.546	.036			2.533	.039		
2-039	2.695	.030			2.681	.033			2.668	.036			2.654	.040		
2-040	2.818	.030			2.804	.034			2.790	.037			2.775	.041		
2-041	2.941	.035			2.926	.038			2.911	.042			2.896	.046		
2-042	3.187	.036			3.171	.040			3.155	.043			3.139	.047		
2-043	3.433	.037			3.416	.041			3.398	.045			3.381	.049		
2-044	3.679	.040			3.660	.045			3.642	.049			3.623	.054		
2-045	3.925	.041			3.905	.046			3.885	.051			3.865	.056		
2-046	4.171	.045			4.150	.050			4.129	.055			4.108	.061		
2-047	4.417	.046			4.395	.052			4.372	.057			4.350	.062		
2-048	4.663	.047			4.639	.053			4.616	.058			4.592	.064		
2-049	4.909	.055			4.884	.061			4.859	.067			4.834	.073		
2-050	5.155	.056	.069	.004	5.129	.062	.069	.004	5.103	.068	.068	.004	5.077	.075	.068	.004

Table 10-8: Dimensions From Standard Tooling

Dimensions From Standard Tooling (Continued)

Parker Size Number	Class -1				Class AN				Class I				Class II			
	ID	Tol ±	W	Tol ±	ID	Tol ±	W	Tol ±	ID	Tol ±	W	Tol ±	ID	Tol ±	W	Tol ±
2-102	.049	.005	.104	.003	.049	.005	.103	.003	.049	.005	.102	.004	.048	.005	.102	.004
2-103	.081				.081				.081				.080			
2-104	.113				.112				.111				.111			
2-105	.144				.143				.142				.141			
2-106	.175				.174				.173				.172			
2-107	.207				.206				.205				.204	▼		
2-108	.238				.237				.236				.234	.006		
2-109	.301				.299				.297				.296	.006		
2-110	.364	▼			.362				.360				.358	.006		
2-111	.427				.424				.421	.006			.419	.006		
2-112	.490	.005			.487	▼			.484	.007			.482	.006		
2-113	.552	.007			.549	.007			.546	.008			.543	.008		
2-114	.616	.009			.612	.009			.608	.010			.605	.010		
2-115	.678	.009			.674	.009			.670	.010			.667	.011		
2-116	.741	.009			.737	.009			.733	.010			.729	.011		
2-117	.804	.010			.799	.010			.794	.011			.790	.012		
2-118	.867	.010			.862	.010			.857	.011			.853	.012		
2-119	.930	.010			.924	.010			.918	.011			.914	.012		
2-120	.993	.010			.987	.010			.981	.011			.976	.012		
2-121	1.055	.010			1.049	.010			1.043	.011			1.037	.013		
2-122	1.119	.010			1.112	.010			1.105	.011			1.100	.013		
2-123	1.181	.012			1.174	.012			1.167	.013			1.161	.015		
2-124	1.244	.012			1.237	.012			1.230	.013			1.223	.015		
2-125	1.307	.012			1.299	.012			1.291	.014			1.285	.015		
2-126	1.370	.012			1.362	.012			1.354	.014			1.347	.015		
2-127	1.433	.012			1.424	.012			1.415	.014			1.408	.015		
2-128	1.496	.012			1.487	.012			1.478	.014			1.471	.016		
2-129	1.558	.015			1.549	.015			1.540	.017			1.532	.019		
2-130	1.622	.015			1.612	.015			1.602	.017			1.594	.019		
2-131	1.684	.015			1.674	.015			1.664	.017			1.656	.019		
2-132	1.747	.015			1.737	.015			1.727	.017			1.718	.019		
2-133	1.810	.015			1.799	.015			1.788	.017			1.779	.019		
2-134	1.873	.015			1.862	.015			1.851	.017			1.842	.019		
2-135	1.937	.017			1.925	.017			1.913	.019			1.904	.022		
2-136	1.999	.017			1.987	.017			1.975	.019			1.965	.022		
2-137	2.062	.017			2.050	.017			2.038	.020			2.027	.022		
2-138	2.125	.017			2.112	.017			2.099	.020			2.089	.022		
2-139	2.188	.017			2.175	.017			2.162	.020			2.151	.022		
2-140	2.250	.017			2.237	.017			2.224	.020			2.212	.022		
2-141	2.314	.020			2.300	.020			2.286	.023			2.275	.026		
2-142	2.376	.020			2.362	.020			2.348	.023			2.336	.026		
2-143	2.440	.020			2.425	.020			2.410	.023			2.398	.026		
2-144	2.502	.020			2.487	.020			2.472	.023			2.460	.026		
2-145	2.565	.020			2.550	.020			2.535	.023			2.522	.026		
2-146	2.628	.020			2.612	.020			2.596	.023			2.583	.026		
2-147	2.691	.022			2.675	.022			2.659	.025			2.646	.028		
2-148	2.753	.022			2.737	.022			2.721	.025			2.707	.029		
2-149	2.817	.022			2.800	.022			2.783	.025			2.769	.029		
2-150	2.879	.022			2.862	.022			2.845	.025			2.831	.029		
2-151	3.005	.024			2.987	.024			2.969	.028			2.954	.031		
2-152	3.256	.024			3.237	.024			3.218	.028			3.201	.032		
2-153	3.508	.024			3.487	.024			3.466	.028			3.449	.032		
2-154	3.759	.028			3.737	.028			3.715	.032			3.696	.037		
2-155	4.011	.028	▼	▼	3.987	.028	▼	▼	3.963	.033	▼	▼	3.943	.038	▼	▼
2-156	4.262	.030	.104	.003	4.237	.030	.103	.003	4.212	.035	.102	.004	4.190	.040	.102	.004

Table 10-8: Dimensions From Standard Tooling

Dimensions From Standard Tooling (Continued)

Parker Size Number	Class III				Class IV				Class V				Class VI			
	ID	Tol ±	W	Tol ±	ID	Tol ±	W	Tol ±	ID	Tol ±	W	Tol ±	ID	Tol ±	W	Tol ±
2-102	.048	.005	.101	.004	.048	.005	.101	.004	.048	.005	.100	.005	.047	.005	.100	.005
2-103	.080	.005			.079	.005			.079	.005			.078	.006		
2-104	.110	.005			.110	.006			.109	.006			.109	.006		
2-105	.141	.006			.140	.006			.139	.006			.139	.006		
2-106	.171	.006			.170	.006			.169	.006			.169	.006		
2-107	.203	.006			.202	.006			.201	.006			.200	.006		
2-108	.233	.006			.232	.006			.231	.006			.230	.007		
2-109	.294	.006			.293	.006			.291	.007			.290	.007		
2-110	.356	.006			.354	.007			.353	.007			.351	.008		
2-111	.417	.007			.415	.007			.413	.008			.411	.008		
2-112	.479	.007			.477	.007			.474	.008			.472	.009		
2-113	.540	.009			.537	.010			.535	.010			.532	.011		
2-114	.602	.011			.599	.012			.596	.013			.593	.013		
2-115	.663	.011			.660	.012			.656	.013			.653	.014		
2-116	.725	.012			.722	.013			.718	.013			.714	.014		
2-117	.786	.013			.782	.014			.778	.015			.774	.016		
2-118	.848	.013			.844	.014			.840	.015			.835	.016		
2-119	.909	.013			.905	.014			.900	.016			.895	.017		
2-120	.971	.014			.966	.015			.961	.016			.956	.017		
2-121	1.032	.014			1.027	.015			1.022	.016			1.016	.018		
2-122	1.094	.014			1.089	.015			1.083	.017			1.078	.018		
2-123	1.155	.016			1.149	.018			1.143	.019			1.138	.020		
2-124	1.217	.016			1.211	.018			1.205	.019			1.199	.021		
2-125	1.278	.017			1.272	.018			1.265	.020			1.259	.021		
2-126	1.340	.017			1.333	.019			1.327	.020			1.320	.022		
2-127	1.401	.017			1.394	.019			1.387	.021			1.380	.022		
2-128	1.463	.017			1.456	.019			1.448	.021			1.441	.023		
2-129	1.524	.021			1.516	.022			1.509	.024			1.501	.026		
2-130	1.586	.021			1.578	.023			1.570	.025			1.562	.027		
2-131	1.647	.021			1.639	.023			1.630	.025			1.622	.027		
2-132	1.709	.021			1.701	.023			1.692	.025			1.683	.028		
2-133	1.770	.021			1.761	.024			1.752	.026			1.743	.028		
2-134	1.832	.022			1.823	.024			1.814	.026			1.804	.028		
2-135	1.894	.024			1.885	.026			1.875	.029			1.865	.031		
2-136	1.955	.024			1.945	.027			1.935	.029			1.925	.031		
2-137	2.017	.024			2.007	.027			1.997	.029			1.986	.032		
2-138	2.078	.025			2.068	.027			2.057	.030			2.047	.032		
2-139	2.140	.025			2.129	.027			2.118	.030			2.108	.033		
2-140	2.201	.025			2.190	.028			2.179	.030			2.168	.033		
2-141	2.263	.028			2.252	.031			2.240	.034			2.229	.037		
2-142	2.324	.029			2.312	.031			2.301	.034			2.289	.037		
2-143	2.386	.029			2.374	.032			2.362	.035			2.350	.037		
2-144	2.447	.029			2.435	.032			2.422	.035			2.410	.038		
2-145	2.509	.029			2.496	.032			2.484	.035			2.471	.038		
2-146	2.570	.029			2.557	.033			2.544	.036			2.531	.039		
2-147	2.632	.032			2.619	.035			2.605	.038			2.592	.041		
2-148	2.693	.032			2.680	.035			2.666	.038			2.652	.042		
2-149	2.755	.032			2.741	.035			2.727	.039			2.713	.042		
2-150	2.816	.032			2.802	.036			2.788	.039			2.773	.043		
2-151	2.939	.035			2.924	.038			2.909	.042			2.894	.046		
2-152	3.185	.036			3.169	.040			3.153	.043			3.137	.047		
2-153	3.431	.037			3.414	.041			3.396	.045			3.379	.049		
2-154	3.677	.041			3.659	.046			3.640	.050			3.621	.055		
2-155	3.923	.042			3.903	.047			3.883	.052			3.863	.057		
2-156	4.169	.045	.101	.004	4.148	.050	.101	.004	4.127	.055	.100	.005	4.106	.061	.100	.005

Table 10-8: Dimensions From Standard Tooling

Dimensions From Standard Tooling (Continued)

Parker Size Number	Class -1				Class AN				Class I				Class II			
	ID	Tol ±	W	Tol ±	ID	Tol ±	W	Tol ±	ID	Tol ±	W	Tol ±	ID	Tol ±	W	Tol ±
2-157	4.514	.030	.104	.003	4.487	.030	.103	.003	4.460	.035	.102	.004	4.438	.041	.102	.004
2-158	4.765	.030			4.737	.030			4.709	.036			4.685	.041		
2-159	5.017	.035			4.987	.035			4.957	.041			4.932	.047		
2-160	5.268	.035			5.237	.035			5.206	.041			5.179	.048		
2-161	5.520	.035			5.487	.035			5.454	.042			5.427	.048		
2-162	5.771	.035			5.737	.035			5.703	.042			5.674	.049		
2-163	6.023	.035			5.987	.035			5.951	.042			5.921	.049		
2-164	6.274	.040			6.237	.040			6.200	.047			6.168	.055		
2-165	6.526	.040			6.487	.040			6.448	.048			6.416	.056		
2-166	6.777	.040			6.737	.040			6.697	.048			6.663	.056		
2-167	7.029	.040			6.987	.040			6.945	.048			6.910	.057		
2-168	7.280	.045			7.237	.045			7.194	.054			7.157	.062		
2-169	7.532	.045			7.487	.045			7.442	.054			7.405	.063		
2-170	7.783	.045			7.737	.045			7.691	.054			7.652	.064		
2-171	8.035	.045			7.987	.045			7.939	.055			7.899	.064		
2-172	8.286	.050			8.237	.050			8.188	.060			8.146	.070		
2-173	8.538	.050			8.487	.050			8.436	.060			8.394	.070		
2-174	8.789	.050			8.737	.050			8.685	.060			8.641	.071		
2-175	9.041	.050			8.987	.050			8.933	.061			8.888	.072		
2-176	8.292	.055			9.237	.055			9.182	.066			9.135	.077		
2-177	9.544	.055			9.487	.055			9.430	.066			9.383	.078		
2-178	9.795	.055	▼	▼	9.737	.055	▼	▼	9.679	.067	▼	▼	9.630	.078	▼	▼
2-201	.172	.005	.140	.004	.171	.005	.139	.004	.170	.005	.138	.005	.169	.005	.137	.005
2-202	.235	.005			.234	.005			.233	.005			.231	.006		
2-203	.298	.005			.296	.005			.294	.005			.293	.006		
2-204	.361	.005			.359	.005			.357	.005			.355	.006		
2-205	.424	.005			.421	.005			.418	.006			.416	.006		
2-206	.487	.005			.484	.005			.481	.006			.479	.007		
2-207	.549	.007			.546	.007			.543	.008			.540	.008		
2-208	.613	.009			.609	.009			.605	.010			.602	.010		
2-209	.675	.009			.671	.009			.667	.010			.664	.011		
2-210	.738	.010			.734	.010			.730	.011			.726	.012		
2-211	.801	.010			.796	.010			.791	.011			.787	.012		
2-212	.864	.010			.859	.010			.854	.011			.850	.012		
2-213	.927	.010			.921	.010			.915	.011			.911	.012		
2-214	.990	.010			.984	.010			.978	.011			.973	.012		
2-215	1.052	.010			1.046	.010			1.040	.011			1.034	.013		
2-216	1.116	.012			1.109	.012			1.102	.013			1.097	.015		
2-217	1.178	.012			1.171	.012			1.164	.013			1.158	.015		
2-218	1.241	.012			1.234	.012			1.227	.013			1.220	.015		
2-219	1.304	.012			1.296	.012			1.288	.014			1.282	.015		
2-220	1.367	.012			1.359	.012			1.351	.014			1.344	.015		
2-221	1.430	.012			1.421	.012			1.412	.014			1.405	.015		
2-222	1.493	.015			1.484	.015			1.475	.017			1.468	.019		
2-223	1.619	.015			1.609	.015			1.599	.017			1.591	.019		
2-224	1.744	.015			1.734	.015			1.724	.017			1.715	.019		
2-225	1.870	.018			1.859	.018			1.848	.020			1.839	.022		
2-226	1.996	.018			1.984	.018			1.972	.020			1.962	.023		
2-227	2.122	.018			2.109	.018			2.096	.021			2.086	.023		
2-228	2.247	.020			2.234	.020			2.221	.023			2.209	.025		
2-229	2.373	.020			2.359	.020			2.345	.023			2.333	.026		
2-230	2.499	.020			2.484	.020			2.469	.023			2.457	.026		
2-231	2.625	.020			2.609	.020			2.593	.023			2.580	.026		
2-232	2.750	.024	▼	▼	2.734	.024	▼	▼	2.718	.027	▼	▼	2.704	.031	▼	▼
2-233	2.876	.024	.140	.004	2.859	.024	.139	.004	2.842	.027	.138	.005	2.828	.031	.137	.005

Table 10-8: Dimensions From Standard Tooling

Dimensions From Standard Tooling (Continued)

Parker Size Number	Class III				Class IV				Class V				Class VI			
	ID	Tol ±	W	Tol ±	ID	Tol ±	W	Tol ±	ID	Tol ±	W	Tol ±	ID	Tol ±	W	Tol ±
2-157	4.415	.046	.101	.004	4.393	.052	.101	.004	4.370	.057	.100	.005	4.348	.062	.100	.005
2-158	4.661	.047			4.638	.053			4.614	.058			4.590	.064		
2-159	4.907	.053			4.882	.059			4.857	.065			4.832	.071		
2-160	5.153	.054			5.127	.060			5.101	.066			5.075	.073		
2-161	5.399	.055			5.372	.061			5.344	.068			5.317	.075		
2-162	5.645	.056			5.617	.063			5.588	.069			5.559	.076		
2-163	5.891	.057			5.861	.064			5.831	.071			5.801	.078		
2-164	6.137	.062			6.106	.070			6.075	.077			6.044	.085		
2-165	6.383	.063			6.351	.071			6.318	.079			6.286	.087		
2-166	6.629	.064			6.596	.072			6.562	.080			6.528	.089		
2-167	6.875	.065			6.840	.074			6.805	.082			6.770	.090		
2-168	7.121	.071			7.085	.080			7.049	.088			7.013	.097		
2-169	7.367	.072			7.330	.081			7.292	.090			7.255	.099		
2-170	7.613	.073			7.575	.082			7.536	.091			7.497	.101		
2-171	7.859	.074			7.819	.083			7.779	.093			7.739	.103		
2-172	8.105	.080			8.064	.090			8.023	.099			7.982	.109		
2-173	8.351	.081			8.309	.091			8.266	.101			8.224	.111		
2-174	8.597	.081			8.554	.092			8.510	.102			8.466	.113		
2-175	8.843	.082			8.798	.093			8.753	.104			8.708	.115		
2-176	9.089	.088			9.043	.099			8.997	.110			8.951	.122		
2-177	9.335	.089			9.288	.101			9.240	.112			9.193	.123		
2-178	9.581	.090	▼	▼	9.533	.102	▼	▼	9.484	.113	▼	▼	9.435	.125	▼	▼
2-201	.168	.006	.137	.005	.167	.006	.136	.006	.167	.006	.135	.006	.166	.006	.135	.006
2-202	.230	.006			.229	.006			.228	.006			.227	.007		
2-203	.291	.006			.290	.006			.288	.007			.287	.007		
2-204	.353	.006			.351	.007			.350	.007			.348	.008		
2-205	.414	.007			.412	.007			.410	.008			.408	.008		
2-206	.476	.007			.474	.007			.471	.008			.469	.008		
2-207	.537	.009			.535	.010			.532	.010			.529	.011		
2-208	.599	.011			.596	.012			.593	.013			.590	.013		
2-209	.660	.011			.657	.012			.654	.013			.650	.014		
2-210	.722	.013			.719	.014			.715	.014			.711	.015		
2-211	.783	.013			.779	.014			.775	.015			.771	.016		
2-212	.845	.013			.841	.014			.837	.015			.832	.016		
2-213	.906	.013			.902	.014			.897	.016			.892	.017		
2-214	.968	.014			.963	.015			.958	.016			.953	.017		
2-215	1.029	.014			1.024	.015			1.019	.016			1.014	.018		
2-216	1.091	.016			1.086	.017			1.080	.019			1.075	.020		
2-217	1.152	.016			1.146	.018			1.141	.019			1.135	.020		
2-218	1.214	.016			1.208	.018			1.202	.019			1.196	.021		
2-219	1.275	.017			1.269	.018			1.262	.020			1.256	.021		
2-220	1.337	.017			1.330	.019			1.324	.020			1.317	.022		
2-221	1.398	.017			1.391	.019			1.384	.021			1.377	.022		
2-222	1.460	.020			1.453	.022			1.445	.024			1.438	.026		
2-223	1.583	.021			1.575	.023			1.567	.025			1.559	.027		
2-224	1.706	.021			1.698	.023			1.689	.025			1.680	.027		
2-225	1.829	.025			1.820	.027			1.811	.029			1.801	.031		
2-226	1.952	.025			1.942	.028			1.932	.030			1.922	.032		
2-227	2.075	.026			2.065	.028			2.054	.031			2.044	.033		
2-228	2.198	.028			2.187	.031			2.176	.033			2.165	.036		
2-229	2.321	.028			2.309	.031			2.298	.034			2.286	.037		
2-230	2.444	.029			2.432	.032			2.419	.035			2.407	.038		
2-231	2.567	.029			2.554	.033			2.541	.036			2.528	.039		
2-232	2.690	.034	▼	▼	2.677	.037	▼	▼	2.663	.040	▼	▼	2.649	.044	▼	▼
2-233	2.813	.034	.137	.005	2.799	.038	.136	.006	2.785	.041	.135	.006	2.770	.045	.135	.006

Table 10-8: Dimensions From Standard Tooling

Dimensions From Standard Tooling (Continued)

Parker Size Number	Class -1				Class AN				Class I				Class II			
	ID	Tol ±	W	Tol ±	ID	Tol ±	W	Tol ±	ID	Tol ±	W	Tol ±	ID	Tol ±	W	Tol ±
2-234	3.002	.024	.140	.004	2.984	.024	.139	.004	2.966	.028	.138	.005	2.951	.031	.137	.005
2-235	3.128	.024			3.109	.024			3.090	.028			3.075	.031		
2-236	3.253	.024			3.234	.024			3.215	.028			3.198	.032		
2-237	3.379	.024			3.359	.024			3.339	.028			3.322	.032		
2-238	3.505	.024			3.484	.024			3.463	.028			3.446	.032		
2-239	3.631	.028			3.609	.028			3.587	.032			3.569	.037		
2-240	3.756	.028			3.734	.028			3.712	.032			3.693	.037		
2-241	3.882	.028			3.859	.028			3.836	.033			3.817	.037		
2-242	4.008	.028			3.984	.028			3.960	.033			3.940	.038		
2-243	4.134	.028			4.109	.028			4.084	.033			4.064	.038		
2-244	4.259	.030			4.234	.030			4.209	.035			4.187	.040		
2-245	4.385	.030			4.359	.030			4.333	.035			4.311	.040		
2-246	4.511	.030			4.484	.030			4.457	.035			4.435	.041		
2-247	4.637	.030			4.609	.030			4.581	.036			4.558	.041		
2-248	4.762	.030			4.734	.030			4.706	.036			4.682	.041		
2-249	4.888	.035			4.859	.035			4.830	.041			4.806	.047		
2-250	5.014	.035			4.984	.035			4.954	.041			4.929	.047		
2-251	5.140	.035			5.109	.035			5.078	.041			5.053	.047		
2-252	5.265	.035			5.234	.035			5.203	.041			5.176	.048		
2-253	5.391	.035			5.359	.035			5.327	.041			5.300	.048		
2-254	5.517	.035			5.484	.035			5.451	.042			5.424	.048		
2-255	5.643	.035			5.609	.035			5.575	.042			5.547	.048		
2-256	5.768	.035			5.734	.035			5.700	.042			5.671	.049		
2-257	5.894	.035			5.859	.035			5.824	.042			5.795	.049		
2-258	6.020	.035			5.984	.035			5.948	.042			5.918	.049		
2-259	6.271	.040			6.234	.040			6.197	.047			6.165	.055		
2-260	6.523	.040			6.484	.040			6.445	.048			6.413	.056		
2-261	6.774	.040			6.734	.040			6.694	.048			6.660	.056		
2-262	7.026	.040			6.984	.040			6.942	.048			6.907	.057		
2-263	7.277	.045			7.234	.045			7.191	.054			7.154	.062		
2-264	7.529	.045			7.484	.045			7.439	.054			7.402	.063		
2-265	7.780	.045			7.734	.045			7.688	.054			7.649	.064		
2-266	8.032	.045			7.984	.045			7.936	.055			7.896	.064		
2-267	8.283	.050			8.234	.050			8.185	.060			8.143	.070		
2-268	8.535	.050			8.484	.050			8.433	.060			8.391	.070		
2-269	8.786	.050			8.734	.050			8.682	.060			8.638	.071		
2-270	9.038	.050			8.984	.050			8.930	.061			8.885	.072		
2-271	9.289	.055			9.234	.055			9.179	.066			9.132	.077		
2-272	9.541	.055			9.484	.055			9.427	.066			9.380	.078		
2-273	9.792	.055			9.734	.055			9.676	.067			9.627	.078		
2-274	10.044	.055			9.984	.055			9.924	.067			9.874	.079		
2-275	10.547	.055			10.484	.055			10.421	.068			10.369	.080		
2-276	11.050	.065			10.984	.065			10.918	.078			10.863	.091		
2-277	11.553	.065			11.484	.065			11.415	.079			11.358	.093		
2-278	12.056	.065			11.984	.065			11.912	.079			11.852	.094		
2-279	13.062	.065			12.984	.065			12.906	.081			12.841	.096		
2-280	14.068	.065			13.984	.065			13.900	.082			13.830	.099		
2-281	15.074	.065			14.984	.065			14.894	.083			14.819	.101		
2-282	16.051	.075			15.955	.075			15.859	.094			15.779	.113		
2-283	17.057	.080			16.955	.080			16.853	.100			16.768	.121		
2-284	18.063	.085	↓	↓	17.955	.085	↓	↓	17.847	.107	↓	↓	17.757	.128	↓	↓
2-309	.414	.005	.211	.005	.412	.005	.210	.005	.410	.005	.209	.006	.407	.006	.208	.007
2-310	.478	.005	↓	↓	.475	.005	↓	↓	.472	.006	↓	↓	.470	.006	↓	↓
2-311	.540	.007	↓	↓	.537	.007	↓	↓	.534	.008	↓	↓	.531	.008	↓	↓
2-312	.604	.009	.211	.005	.600	.009	.210	.005	.596	.010	.209	.006	.593	.010	.208	.007

Table 10-8: Dimensions From Standard Tooling

Dimensions From Standard Tooling (Continued)

Parker Size Number	Class III				Class IV				Class V				Class VI			
	ID	Tol ±	W	Tol ±	ID	Tol ±	W	Tol ±	ID	Tol ±	W	Tol ±	ID	Tol ±	W	Tol ±
2-234	2.936	.035	.137	.005	2.921	.038	.136	.006	2.906	.042	.135	.006	2.891	.045	.135	.006
2-235	3.059	.035			3.044	.039			3.028	.043			3.013	.046		
2-236	3.182	.036			3.166	.040			3.150	.043			3.134	.047		
2-237	3.305	.036			3.288	.040			3.272	.044			3.255	.048		
2-238	3.428	.037			3.411	.041			3.393	.045			3.376	.049		
2-239	3.551	.041			3.533	.045			3.515	.050			3.497	.054		
2-240	3.674	.041			3.656	.046			3.637	.050			3.618	.055		
2-241	3.797	.042			3.778	.047			3.759	.051			3.739	.056		
2-242	3.920	.042			3.900	.047			3.880	.052			3.860	.057		
2-243	4.043	.043			4.023	.048			4.002	.053			3.982	.058		
2-244	4.166	.045			4.145	.050			4.124	.055			4.103	.060		
2-245	4.289	.046			4.267	.051			4.246	.056			4.224	.061		
2-246	4.412	.046			4.390	.052			4.367	.057			4.345	.062		
2-247	4.535	.047			4.512	.052			4.489	.058			4.466	.063		
2-248	4.658	.047			4.635	.053			4.611	.058			4.587	.064		
2-249	4.781	.052			4.757	.058			4.733	.064			4.708	.070		
2-250	4.904	.053			4.879	.059			4.854	.065			4.829	.071		
2-251	5.027	.053			5.002	.060			4.976	.066			4.951	.072		
2-252	5.150	.054			5.124	.060			5.098	.066			5.072	.073		
2-253	5.273	.054			5.246	.061			5.220	.067			5.193	.074		
2-254	5.396	.055			5.369	.061			5.341	.068			5.314	.074		
2-255	5.519	.055			5.491	.062			5.463	.069			5.435	.075		
2-256	5.642	.056			5.614	.063			5.585	.069			5.556	.076		
2-257	5.765	.056			5.736	.063			5.707	.070			5.677	.077		
2-258	5.888	.057			5.858	.064			5.828	.071			5.798	.078		
2-259	6.134	.062			6.103	.070			6.072	.077			6.041	.085		
2-260	6.380	.063			6.348	.071			6.315	.079			6.283	.087		
2-261	6.626	.064			6.593	.072			6.559	.080			6.525	.088		
2-262	6.872	.065			6.837	.074			6.802	.082			6.767	.090		
2-263	7.118	.071			7.082	.080			7.046	.088			7.010	.097		
2-264	7.364	.072			7.327	.081			7.289	.090			7.252	.099		
2-265	7.610	.073			7.572	.082			7.533	.091			7.494	.101		
2-266	7.856	.074			7.816	.083			7.776	.093			7.736	.102		
2-267	8.102	.080			8.061	.090			8.020	.099			7.979	.109		
2-268	8.348	.081			8.306	.091			8.263	.101			8.221	.111		
2-269	8.594	.081			8.551	.092			8.507	.102			8.463	.113		
2-270	8.840	.082			8.795	.093			8.750	.104			8.705	.115		
2-271	9.086	.088			9.040	.099			8.994	.110			8.948	.121		
2-272	9.332	.089			9.285	.101			9.237	.112			9.190	.123		
2-273	9.578	.090			9.530	.102			9.481	.113			9.432	.125		
2-274	9.824	.091			9.774	.103			9.724	.115			9.674	.127		
2-275	10.316	.093			10.264	.105			10.211	.118			10.159	.130		
2-276	10.808	.105			10.753	.118			10.698	.131			10.643	.144		
2-277	11.300	.106			11.243	.120			11.185	.134			11.128	.148		
2-278	11.792	.108			11.732	.123			11.672	.137			11.612	.151		
2-279	12.776	.112			12.711	.127			12.646	.143			12.581	.158		
2-280	13.760	.115			13.690	.132			13.620	.149			13.550	.166		
2-281	14.744	.119			14.669	.137			14.594	.155			14.519	.173		
2-282	15.700	.132			15.620	.152			15.540	.171			15.460	.190		
2-283	16.684	.141			16.599	.161			16.514	.182			16.429	.202		
2-284	17.668	.150	↓	↓	17.578	.171	↓	↓	17.488	.193	↓	↓	17.398	.214	↓	↓
2-309	.405	.006	.207	.007	.403	.007	.206	.007	.401	.007	.205	.008	.399	.008	.203	.008
2-310	.467	.007	↓	↓	.465	.007	↓	↓	.463	.008	↓	↓	.460	.008	↓	↓
2-311	.528	.009	↓	↓	.526	.010	↓	↓	.523	.010	↓	↓	.520	.011	↓	↓
2-312	.590	.011	.207	.007	.587	.012	.206	.007	.584	.013	.205	.008	.581	.013	.203	.008

Table 10-8: Dimensions From Standard Tooling

Dimensions From Standard Tooling (Continued)

Parker Size Number	Class -1				Class AN				Class I				Class II			
	ID	Tol ±	W	Tol ±	ID	Tol ±	W	Tol ±	ID	Tol ±	W	Tol ±	ID	Tol ±	W	Tol ±
2-313	.666	.009	.211	.005	.662	.009	.210	.005	.658	.010	.209	.006	.655	.011	.208	.007
2-314	.729	.010			.725	.010			.721	.011			.717	.012		
2-315	.792	.010			.787	.010			.782	.011			.778	.012		
2-316	.855	.010			.850	.010			.845	.011			.841	.012		
2-317	.917	.010			.912	.010			.907	.011			.902	.012		
2-318	.981	.010			.975	.010			.969	.011			.964	.012		
2-319	1.043	.010			1.037	.010			1.031	.011			1.026	.012		
2-320	1.107	.012			1.100	.012			1.093	.013			1.088	.015		
2-321	1.169	.012			1.162	.012			1.155	.013			1.149	.015		
2-322	1.232	.012			1.225	.012			1.218	.013			1.212	.015		
2-323	1.295	.012			1.287	.012			1.279	.014			1.273	.015		
2-324	1.358	.012			1.350	.012			1.342	.014			1.335	.015		
2-325	1.484	.015			1.475	.015			1.466	.017			1.459	.019		
2-326	1.610	.015			1.600	.015			1.590	.017			1.582	.019		
2-327	1.735	.015			1.725	.015			1.715	.017			1.706	.019		
2-328	1.861	.015			1.850	.015			1.839	.017			1.830	.019		
2-329	1.987	.018			1.975	.018			1.963	.020			1.953	.023		
2-330	2.113	.018			2.100	.018			2.087	.021			2.077	.023		
2-331	2.238	.018			2.225	.018			2.212	.021			2.201	.023		
2-332	2.364	.018			2.350	.018			2.336	.021			2.324	.024		
2-333	2.490	.020			2.475	.020			2.460	.023			2.448	.026		
2-334	2.616	.020			2.600	.020			2.584	.023			2.571	.026		
2-335	2.741	.020			2.725	.020			2.709	.023			2.695	.027		
2-336	2.867	.020			2.850	.020			2.833	.023			2.819	.027		
2-337	2.993	.024			2.975	.024			2.957	.028			2.942	.031		
2-338	3.119	.024			3.100	.024			3.081	.028			3.066	.031		
2-339	3.244	.024			3.225	.024			3.206	.028			3.190	.032		
2-340	3.370	.024			3.350	.024			3.330	.028			3.313	.032		
2-341	3.496	.024			3.475	.024			3.454	.028			3.437	.032		
2-342	3.622	.028			3.600	.028			3.578	.032			3.560	.037		
2-343	3.747	.028			3.725	.028			3.703	.032			3.684	.037		
2-344	3.873	.028			3.850	.028			3.827	.033			3.808	.037		
2-345	3.999	.028			3.975	.028			3.951	.033			3.931	.038		
2-346	4.125	.028			4.100	.028			4.075	.033			4.055	.038		
2-347	4.250	.030			4.225	.030			4.200	.035			4.179	.040		
2-348	4.376	.030			4.350	.030			4.324	.035			4.302	.040		
2-349	4.502	.030			4.475	.030			4.448	.035			4.426	.041		
2-350	4.628	.030			4.600	.030			4.572	.036			4.549	.041		
2-351	4.753	.030			4.725	.030			4.697	.036			4.673	.041		
2-352	4.879	.030			4.850	.030			4.821	.036			4.797	.042		
2-353	5.005	.037			4.975	.037			4.945	.043			4.920	.049		
2-354	5.131	.037			5.100	.037			5.069	.043			5.044	.049		
2-355	5.256	.037			5.225	.037			5.194	.043			5.168	.050		
2-356	5.382	.037			5.350	.037			5.318	.043			5.291	.050		
2-357	5.508	.037			5.475	.037			5.442	.044			5.415	.050		
2-358	5.634	.037			5.600	.037			5.566	.044			5.538	.050		
2-359	5.759	.037			5.725	.037			5.691	.044			5.662	.051		
2-360	5.885	.037			5.850	.037			5.815	.044			5.786	.051		
2-361	6.011	.037			5.975	.037			5.939	.044			5.909	.051		
2-362	6.262	.040			6.225	.040			6.188	.047			6.157	.055		
2-363	6.514	.040			6.475	.040			6.436	.048			6.404	.056		
2-364	6.765	.040			6.725	.040			6.685	.048			6.651	.056		
2-365	7.017	.040			6.975	.040			6.933	.048			6.898	.057		
2-366	7.268	.045	↓	↓	7.225	.045	↓	↓	7.182	.054	↓	↓	7.146	.062	↓	↓
2-367	7.520	.045	.211	.005	7.475	.045	.210	.005	7.430	.054	.209	.006	7.393	.063	.208	.007

Table 10-8: Dimensions From Standard Tooling

Dimensions From Standard Tooling (Continued)

Parker Size Number	Class III				Class IV				Class V				Class VI			
	ID	Tol ±	W	Tol ±	ID	Tol ±	W	Tol ±	ID	Tol ±	W	Tol ±	ID	Tol ±	W	Tol ±
2-313	.651	.011	.207	.007	.648	.012	.206	.007	.645	.013	.205	.008	.641	.014	.203	.008
2-314	.713	.013			.710	.013			.706	.014			.703	.015		
2-315	.774	.013			.770	.014			.767	.015			.763	.016		
2-316	.836	.013			.832	.014			.828	.015			.824	.016		
2-317	.897	.013			.893	.014			.888	.015			.884	.017		
2-318	.959	.014			.955	.015			.950	.016			.945	.017		
2-319	1.020	.014			1.015	.015			1.010	.016			1.005	.017		
2-320	1.082	.016			1.077	.017			1.071	.019			1.066	.020		
2-321	1.143	.016			1.138	.018			1.132	.019			1.126	.020		
2-322	1.205	.016			1.199	.018			1.193	.019			1.187	.021		
2-323	1.266	.017			1.260	.018			1.254	.020			1.247	.021		
2-324	1.328	.017			1.322	.018			1.315	.020			1.308	.022		
2-325	1.451	.020			1.444	.022			1.437	.024			1.429	.026		
2-326	1.574	.021			1.566	.023			1.558	.025			1.550	.027		
2-327	1.697	.021			1.689	.023			1.680	.025			1.672	.027		
2-328	1.820	.022			1.811	.024			1.802	.026			1.793	.028		
2-329	1.943	.025			1.934	.027			1.924	.030			1.914	.032		
2-330	2.066	.026			2.056	.028			2.045	.031			2.035	.033		
2-331	2.189	.026			2.178	.029			2.167	.031			2.156	.034		
2-332	2.312	.026			2.301	.029			2.289	.032			2.277	.035		
2-333	2.435	.029			2.423	.032			2.411	.035			2.398	.038		
2-334	2.558	.029			2.545	.032			2.532	.036			2.519	.039		
2-335	2.681	.030			2.668	.033			2.654	.036			2.641	.040		
2-336	2.804	.030			2.790	.034			2.776	.037			2.762	.041		
2-337	2.927	.035			2.913	.038			2.898	.042			2.883	.045		
2-338	3.050	.035			3.035	.039			3.019	.043			3.004	.046		
2-339	3.173	.036			3.157	.039			3.141	.043			3.125	.047		
2-340	3.296	.036			3.280	.040			3.263	.044			3.246	.048		
2-341	3.419	.037			3.402	.041			3.385	.045			3.367	.049		
2-342	3.542	.041			3.524	.045			3.506	.050			3.488	.054		
2-343	3.665	.041			3.647	.046			3.628	.050			3.610	.055		
2-344	3.788	.042			3.769	.046			3.750	.051			3.731	.056		
2-345	3.911	.042			3.892	.047			3.872	.052			3.852	.057		
2-346	4.034	.043			4.014	.048			3.993	.053			3.973	.058		
2-347	4.157	.045			4.136	.050			4.115	.055			4.094	.060		
2-348	4.280	.046			4.259	.051			4.237	.056			4.215	.061		
2-349	4.403	.046			4.381	.051			4.359	.057			4.336	.062		
2-350	4.526	.047			4.503	.052			4.480	.058			4.457	.063		
2-351	4.649	.047			4.626	.053			4.602	.058			4.579	.064		
2-352	4.772	.047			4.748	.053			4.724	.059			4.700	.065		
2-353	4.895	.055			4.871	.061			4.846	.067			4.821	.073		
2-354	5.018	.055			4.993	.061			4.967	.068			4.942	.074		
2-355	5.141	.056			5.115	.062			5.089	.068			5.063	.075		
2-356	5.264	.056			5.238	.063			5.211	.069			5.184	.076		
2-357	5.387	.057			5.360	.063			5.333	.070			5.305	.076		
2-358	5.510	.057			5.482	.064			5.454	.071			5.426	.077		
2-359	5.633	.058			5.605	.064			5.576	.071			5.548	.078		
2-360	5.756	.058			5.727	.065			5.698	.072			5.669	.079		
2-361	5.879	.059			5.850	.066			5.820	.073			5.790	.080		
2-362	6.125	.062			6.094	.070			6.063	.077			6.032	.085		
2-363	6.371	.063			6.339	.071			6.307	.079			6.274	.087		
2-364	6.617	.064			6.584	.072			6.550	.080			6.517	.088		
2-365	6.863	.065			6.829	.073			6.794	.082			6.759	.090		
2-366	7.109	.071			7.073	.080			7.037	.088			7.001	.097		
2-367	7.355	.072	.207	.007	7.318	.081	.206	.007	7.281	.090	.205	.008	7.243	.099	.203	.008

Table 10-8: Dimensions From Standard Tooling

Dimensions From Standard Tooling (Continued)

Parker Size Number	Class -1				Class AN				Class I				Class II			
	ID	Tol ±	W	Tol ±	ID	Tol ±	W	Tol ±	ID	Tol ±	W	Tol ±	ID	Tol ±	W	Tol ±
2-368	7.771	.045	.211	.005	7.725	.045	.210	.005	7.679	.054	.209	.006	7.640	.064	.208	.007
2-369	8.023	.045			7.975	.045			7.927	.055			7.887	.064		
2-370	8.274	.050			8.225	.050			8.176	.060			8.135	.070		
2-371	8.526	.050			8.475	.050			8.424	.060			8.382	.070		
2-372	8.777	.050			8.725	.050			8.673	.060			8.629	.071		
2-373	9.029	.050			8.975	.050			8.921	.061			8.876	.072		
2-374	9.280	.055			9.225	.055			9.170	.066			9.124	.077		
2-375	9.532	.055			9.475	.055			9.418	.066			9.371	.078		
2-376	9.783	.055			9.725	.055			9.667	.067			9.618	.078		
2-377	10.035	.055			9.975	.055			9.915	.067			9.865	.079		
2-378	10.538	.060			10.475	.060			10.412	.073			10.360	.085		
2-379	11.041	.060			10.975	.060			10.909	.073			10.854	.086		
2-380	11.544	.065			11.475	.065			11.406	.079			11.349	.093		
2-381	12.047	.065			11.975	.065			11.903	.079			11.843	.094		
2-382	13.053	.065			12.975	.065			12.897	.081			12.832	.096		
2-383	14.059	.070			13.975	.070			13.891	.087			13.821	.104		
2-384	15.065	.070			14.975	.070			14.885	.088			14.810	.106		
2-385	16.051	.075			15.955	.075			15.859	.094			15.779	.113		
2-386	17.057	.080			16.955	.080			16.853	.100			16.768	.121		
2-387	18.063	.085			17.955	.085			17.847	.107			17.757	.128		
2-388	19.069	.090			18.955	.090			18.841	.113			18.746	.135		
2-389	20.075	.095			19.955	.095			19.835	.119			19.735	.143		
2-390	21.081	.095			20.955	.095			20.829	.120			20.724	.145		
2-391	22.087	.100			21.955	.100			21.823	.126			21.713	.153		
2-392	23.078	.105			22.940	.105			22.802	.133			22.688	.160		
2-393	24.084	.110			23.940	.110			23.796	.139			23.677	.167		
2-394	25.090	.115			24.940	.115			24.790	.145			24.666	.175		
2-395	26.096	.120			25.940	.120			25.784	.151			25.655	.182		
2-425	4.502	.033	.277	.006	4.475	.033	.275	.006	4.448	.038	.273	.007	4.426	.044	.272	.008
2-426	4.628	.033			4.600	.033			4.572	.039			4.549	.044		
2-427	4.753	.033			4.725	.033			4.697	.039			4.673	.044		
2-428	4.879	.033			4.850	.033			4.821	.039			4.797	.045		
2-429	5.005	.037			4.975	.037			4.945	.043			4.920	.049		
2-430	5.131	.037			5.100	.037			5.069	.043			5.044	.049		
2-431	5.256	.037			5.225	.037			5.194	.043			5.168	.050		
2-432	5.382	.037			5.350	.037			5.318	.043			5.291	.050		
2-433	5.508	.037			5.475	.037			5.442	.044			5.415	.050		
2-434	5.634	.037			5.600	.037			5.566	.044			5.538	.050		
2-435	5.759	.037			5.725	.037			5.691	.044			5.662	.050		
2-436	5.885	.037			5.850	.037			5.815	.044			5.786	.051		
2-437	6.011	.037			5.975	.037			5.939	.044			5.909	.051		
2-438	6.262	.040			6.225	.040			6.188	.047			6.157	.055		
2-439	6.514	.040			6.475	.040			6.436	.048			6.404	.056		
2-440	6.765	.040			6.725	.040			6.685	.048			6.651	.056		
2-441	7.017	.040			6.975	.040			6.933	.048			6.898	.057		
2-442	7.268	.045			7.225	.045			7.182	.054			7.146	.062		
2-443	7.520	.045			7.475	.045			7.430	.054			7.393	.063		
2-444	7.771	.045			7.725	.045			7.679	.054			7.640	.064		
2-445	8.023	.045			7.975	.045			7.927	.055			7.887	.064		
2-446	8.526	.055			8.475	.055			8.424	.065			8.382	.075		
2-447	9.029	.055			8.975	.055			8.921	.066			8.876	.077		
2-448	9.532	.055			9.475	.055			9.418	.066			9.371	.078		
2-449	10.035	.055			9.975	.055			9.915	.067			9.865	.079		
2-450	10.538	.060			10.475	.060			10.412	.073			10.360	.085		
2-451	11.041	.060	.277	.006	10.975	.060	.275	.006	10.909	.073	.273	.007	10.854	.086	.272	.008

Table 10-8: Dimensions From Standard Tooling

Dimensions From Standard Tooling (Continued)

Parker Size Number	Class III				Class IV				Class V				Class VI			
	ID	Tol ±	W	Tol ±	ID	Tol ±	W	Tol ±	ID	Tol ±	W	Tol ±	ID	Tol ±	W	Tol ±
2-368	7.601	.073	.207	.007	7.563	.082	.206	.007	7.524	.091	.205	.008	7.486	.101	.203	.008
2-369	7.847	.074			7.808	.083			7.768	.093			7.728	.102		
2-370	8.093	.080			8.052	.089			8.011	.099			7.970	.109		
2-371	8.339	.081			8.297	.091			8.255	.101			8.212	.111		
2-372	8.585	.081			8.542	.092			8.498	.102			8.455	.133		
2-373	8.831	.082			8.787	.093			8.742	.104			8.697	.115		
2-374	9.077	.088			9.031	.099			8.985	.110			8.939	.121		
2-375	9.323	.089			9.276	.100			9.229	.112			9.181	.123		
2-376	9.569	.090			9.521	.102			9.472	.113			9.424	.125		
2-377	9.815	.091			9.766	.103			9.716	.115			9.666	.127		
2-378	10.307	.098			10.255	.110			10.203	.123			10.150	.135		
2-379	10.799	.100			10.745	.113			10.690	.126			10.635	.139		
2-380	11.291	.106			11.234	.120			11.177	.134			11.119	.148		
2-381	11.783	.108			11.724	.122			11.664	.137			11.604	.151		
2-382	12.767	.112			12.703	.127			12.638	.143			12.573	.158		
2-383	13.751	.120			13.682	.137			13.612	.154			13.542	.171		
2-384	14.735	.124			14.661	.142			14.586	.160			14.511	.178		
2-385	15.700	.132			15.620	.152			15.540	.171			15.460	.190		
2-386	16.684	.141			16.599	.161			16.514	.182			16.429	.202		
2-387	17.668	.150			17.578	.171			17.488	.193			17.398	.214		
2-388	18.652	.158			18.557	.181			18.462	.204			18.367	.226		
2-389	19.636	.167			19.536	.191			19.436	.215			19.336	.239		
2-390	20.620	.170			20.515	.196			20.410	.221			20.305	.246		
2-391	21.604	.179			21.494	.205			21.384	.232			21.274	.258		
2-392	22.573	.188			22.458	.215			22.344	.243			22.229	.270		
2-393	23.557	.196			23.437	.225			23.318	.254			23.198	.282		
2-934	24.541	.205	↓	↓	24.416	.235	↓	↓	24.292	.265	↓	↓	24.167	.295	↓	↓
2-395	25.525	.213	.207	.007	25.395	.245	.206	.007	25.266	.276	.205	.008	25.136	.307	.203	.008
2-425	4.403	.049	.271	.008	4.381	.054	.269	.009	4.359	.060	.268	.010	4.336	.065	.266	.010
2-426	4.526	.050			4.503	.055			4.480	.061			4.457	.066		
2-427	4.649	.050			4.626	.056			4.602	.061			4.579	.067		
2-428	4.772	.050			4.748	.056			4.724	.062			4.700	.068		
2-429	4.895	.055			4.871	.061			4.846	.067			4.821	.073		
2-430	5.018	.055			4.993	.061			4.967	.068			4.942	.074		
2-431	5.141	.056			5.115	.062			5.089	.068			5.063	.075		
2-432	5.264	.056			5.238	.063			5.211	.069			5.184	.076		
2-433	5.387	.057			5.360	.063			5.333	.070			5.305	.076		
2-434	5.510	.057			5.482	.064			5.454	.071			5.426	.077		
2-435	5.633	.058			5.605	.064			5.576	.071			5.548	.078		
2-436	5.756	.058			5.727	.065			5.698	.072			5.669	.079		
2-437	5.879	.059			5.850	.066			5.820	.073			5.790	.080		
2-438	6.125	.062			6.094	.070			6.063	.077			6.032	.085		
2-439	6.371	.063			6.339	.071			6.307	.079			6.274	.087		
2-440	6.617	.064			6.584	.072			6.550	.080			6.517	.088		
2-441	6.863	.065			6.829	.073			6.794	.082			6.759	.090		
2-442	7.109	.071			7.073	.080			7.037	.088			7.001	.097		
2-443	7.355	.072			7.318	.081			7.281	.090			7.243	.099		
2-444	7.601	.073			7.563	.082			7.524	.091			7.486	.101		
2-445	7.847	.074			7.808	.083			7.768	.093			7.728	.102		
2-446	8.339	.086			8.297	.096			8.255	.106			8.212	.116		
2-447	8.831	.087			8.787	.098			8.742	.109			8.697	.120		
2-448	9.323	.089			9.276	.100			9.229	.112			9.181	.123		
2-449	9.815	.091			9.766	.103			9.716	.115			9.666	.127		
2-450	10.307	.098	↓	↓	10.255	.110	↓	↓	10.203	.123	↓	↓	10.150	.135	↓	↓
2-451	10.799	.100	.271	.008	10.745	.113	.269	.009	10.690	.126	.268	.010	10.635	.139	.266	.010

Table 10-8: Dimensions From Standard Tooling

Dimensions From Standard Tooling (Continued)

Parker Size Number	Class -1				Class AN				Class I				Class II			
	ID	Tol ±	W	Tol ±	ID	Tol ±	W	Tol ±	ID	Tol ±	W	Tol ±	ID	Tol ±	W	Tol ±
2-452	11.544	.060	.277	.006	11.475	.060	.275	.006	11.406	.074	.273	.007	11.349	.088	.272	.008
2-453	12.047	.060			11.975	.060			11.903	.074			11.843	.089		
2-454	12.550	.060			12.475	.060			12.400	.075			12.338	.090		
2-455	13.053	.060			12.975	.060			12.897	.076			12.832	.091		
2-456	13.556	.070			13.475	.070			13.394	.086			13.327	.102		
2-457	14.059	.070			13.975	.070			13.891	.087			13.821	.104		
2-458	14.562	.070			14.475	.070			14.388	.087			14.316	.105		
2-459	15.065	.070			14.975	.070			14.885	.088			14.810	.106		
2-460	15.568	.070			15.475	.070			15.382	.089			15.305	.107		
2-461	16.051	.075			15.955	.075			15.859	.094			15.779	.113		
2-462	16.554	.075			16.455	.075			16.356	.095			16.274	.114		
2-463	17.057	.080			16.955	.080			16.853	.100			16.768	.121		
2-464	17.560	.085			17.455	.085			17.350	.106			17.263	.127		
2-465	18.063	.085			17.955	.085			17.847	.107			17.757	.128		
2-466	18.566	.085			18.455	.085			18.344	.107			18.252	.129		
2-467	19.069	.090			18.955	.090			18.841	.113			18.746	.135		
2-468	19.572	.090			19.455	.090			19.338	.113			19.241	.137		
2-469	20.075	.095			19.955	.095			19.835	.119			19.735	.143		
2-470	21.081	.095			20.955	.095			20.829	.120			20.724	.145		
2-471	22.087	.100			21.955	.100			21.823	.126			21.713	.153		
2-472	23.078	.105			22.940	.105			22.802	.133			22.688	.160		
2-473	24.084	.110			23.940	.110			23.796	.139			23.677	.167		
2-474	25.090	.115			24.940	.115			24.790	.145			24.666	.175		
2-475	26.096	.120	.277	.006	25.940	.120	.275	.006	25.784	.151	.273	.007	25.655	.182	.272	.008

Parker Size Number	Class -1				Class AN				Class I				Class II			
	ID	Tol ±	W	Tol ±	ID	Tol ±	W	Tol ±	ID	Tol ±	W	Tol ±	ID	Tol ±	W	Tol ±
3-901	.186	.005	.056	.003	.185	.005	.056	.003	.184	.005	.056	.004	.183	.005	.055	.004
3-902	.240	.005	.064		.239	.005	.064		.238	.005	.064		.236	.006	.063	
3-903	.303	.005	.064		.301	.005	.064		.299	.005	.064		.298	.006	.063	
3-904	.353	.005	.072		.351	.005	.072		.349	.005	.072		.347	.006	.071	
3-905	.416	.005	.072		.414	.005	.072		.412	.005	.072		.409	.006	.071	
3-906	.471	.005	.078		.468	.005	.078		.465	.006	.078		.463	.006	.077	
3-907	.533	.007	.082		.530	.007	.082		.527	.008	.082		.524	.008	.081	
3-908	.648	.009	.088		.644	.009	.087		.640	.010	.086		.637	.011	.086	
3-909	.710	.009	.098		.706	.009	.097		.702	.010	.096		.698	.011	.096	
3-910	.760	.009	.098		.755	.009	.097		.750	.010	.096		.747	.011	.096	
3-911	.868	.009	.117		.863	.009	.116		.858	.010	.115		.854	.011	.115	
3-912	.930	.009	.117		.924	.009	.116		.918	.010	.115		.914	.011	.115	
3-913	.992	.010	.117		.986	.010	.116		.980	.011	.115		.975	.012	.115	
3-914	1.053	.010	.117		1.047	.010	.116		1.041	.011	.115		1.035	.013	.115	
3-916	1.178	.010	.117		1.171	.010	.116		1.164	.011	.115		1.158	.013	.115	
3-918	1.363	.012	.117		1.355	.012	.116		1.347	.014	.115		1.340	.015	.115	
3-920	1.484	.014	.119		1.475	.014	.118		1.466	.016	.117		1.459	.018	.117	
3-924	1.730	.014	.119		1.720	.014	.118		1.710	.016	.117		1.701	.018	.117	
3-928	2.103	.018	.119		2.090	.018	.118		2.077	.021	.117		2.067	.023	.117	
3-932	2.351	.018	.119	.004	2.337	.018	.118	.004	2.323	.021	.117	.005	2.311	.024	.117	.005

Table 10-8: Dimensions From Standard Tooling

Dimensions From Standard Tooling (Continued)

Parker Size Number	Class III				Class IV				Class V				Class VI			
	ID	Tol ±	W	Tol ±	ID	Tol ±	W	Tol ±	ID	Tol ±	W	Tol ±	ID	Tol ±	W	Tol ±
2-452	11.291	.101	.271	.008	11.234	.115	.269	.009	11.177	.129	.268	.010	11.119	.143	.266	.010
2-453	11.783	.103			11.724	.117			11.664	.132			11.604	.146		
2-454	12.275	.105			12.213	.120			12.151	.135			12.088	.150		
2-455	12.767	.107			12.703	.122			12.638	.138			12.573	.153		
2-456	13.259	.119			13.192	.135			13.125	.151			13.057	.167		
2-457	13.751	.120			13.682	.137			13.612	.154			13.542	.171		
2-458	14.243	.122			14.171	.139			14.099	.157			14.026	.174		
2-459	14.735	.124			14.661	.142			14.586	.160			14.511	.178		
2-460	15.227	.126			15.150	.144			15.073	.163			14.995	.181		
2-461	15.700	.132			15.620	.152			15.540	.171			15.460	.190		
2-462	16.192	.134			16.109	.154			16.027	.174			15.945	.193		
2-463	16.684	.141			16.599	.161			16.514	.182			16.429	.202		
2-464	17.176	.148			17.088	.169			17.001	.190			16.914	.211		
2-465	17.668	.150			17.578	.171			17.488	.193			17.398	.214		
2-466	18.160	.151			18.067	.174			17.975	.196			17.883	.218		
2-467	18.652	.158			18.557	.181			18.462	.204			18.367	.226		
2-468	19.144	.160			19.046	.183			18.949	.207			18.852	.230		
2-469	19.636	.167			19.536	.191			19.436	.215			19.336	.239		
2-470	20.620	.170			20.515	.196			20.410	.221			20.305	.246		
2-471	21.604	.179			21.494	.205			21.384	.232			21.274	.258		
2-472	22.573	.188			22.458	.215			22.344	.243			22.229	.270		
2-473	23.557	.196			23.437	.225			23.318	.254			23.198	.282		
2-474	23.541	.205			24.416	.235			24.292	.265			24.167	.295		
2-475	25.525	.213	.271	.008	25.395	.245	.269	.009	25.266	.276	.268	.010	25.136	.307	.266	.010

Parker Size Number	Class III				Class IV				Class V				Class VI			
	ID	Tol ±	W	Tol ±	ID	Tol ±	W	Tol ±	ID	Tol ±	W	Tol ±	ID	Tol ±	W	Tol ±
3-901	.182	.006	.055	.004	.181	.006	.055	.004	.180	.006	.055	.004	.179	.006	.054	.004
3-902	.235	.006	.063		.234	.006	.063		.233	.006	.062		.232	.007	.063	
3-903	.296	.006	.063		.295	.006	.063		.293	.007	.062		.292	.007	.062	
3-904	.345	.006	.071		.344	.007	.070		.342	.007	.070		.340	.008	.070	
3-905	.407	.006	.071		.405	.007	.070		.403	.007	.070		.401	.008	.070	
3-906	.461	.007	.077		.458	.007	.076		.456	.008	.076		.453	.008	.076	
3-907	.522	.009	.081		.519	.010	.080		.516	.010	.080		.514	.011	.079	
3-908	.634	.011	.086		.630	.012	.085		.627	.013	.085		.624	.014	.084	
3-909	.695	.012	.095		.691	.012	.095		.688	.013	.094		.684	.014	.094	
3-910	.743	.012	.095	.004	.739	.013	.095	.004	.735	.014	.094	.004	.732	.014	.094	.004
3-911	.849	.012	.114	.005	.845	.013	.114	.005	.841	.014	.113	.006	.836	.015	.112	.006
3-912	.909	.012	.114		.905	.013	.114		.900	.015	.113		.895	.016	.112	
3-913	.970	.014	.114		.965	.015	.114		.960	.016	.113		.955	.017	.112	
3-914	1.030	.014	.114		1.025	.015	.114		1.020	.016	.113		1.015	.018	.112	
3-916	1.152	.014	.114		1.146	.016	.114		1.141	.017	.113		1.135	.018	.112	
3-918	1.333	.017	.114		1.327	.019	.114		1.320	.020	.113		1.313	.022	.113	
3-920	1.451	.019	.116		1.444	.021	.116		1.437	.023	.115		1.429	.025	.114	
3-924	1.692	.020	.116		1.684	.022	.116		1.675	.024	.115		1.667	.026	.114	
3-928	2.057	.026	.116		2.046	.028	.116		2.036	.031	.115		2.025	.033	.114	
3-932	2.300	.026	.116	.005	2.288	.029	.116	.005	2.276	.032	.115	.006	2.265	.035	.114	.006

Table 10-8: Dimensions From Standard Tooling