

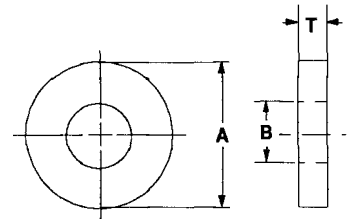
*Available in other materials. See materials list in index.
 Other sizes available on request.

STAMPED FLAT WASHERS

Conversion note: 1 inch = 25.4 mm 1 mm = 0.03937 inch

*Available in the following materials:

Material Code No.	Material Name	Material Code No.	Material Name	Material Code No.	Material Name
-11	Polypropylene	-27	PVC	-53	Phenolic Paper
-13	Polyethylene	-28	CPVC	-55	Phenolic Linen
-18	Nylon 6/6, (natural)	-29	Teflon®	-62	Acetal
-20	Nylon MDS	-37	Kynar®	-70	Heat Stabilized Nylon
-24	Delrin®	-42	Nylatron GS	-78	Nylon 6/6, (black)



Part No. FN100 - (Size Code No.) - (Material Code No.)

Size Code No.	O.D. A	I.D. B	Thk. T	Size Code No.	O.D. A	I.D. B	Thk. T	Size Code No.	O.D. A	I.D. B	Thk. T	Size Code No.	O.D. A	I.D. B	Thk. T
-1	.187	.060	.010	-39	.187	.093	.020	-79	.250	.105	.045	-120	.281	.120	.010
-2	.187	.060	.015	-40	.187	.093	.025	-80	.250	.105	.050	-121	.281	.120	.015
-3	.187	.060	.020	-41	.187	.093	.030	-81	.250	.105	.060	-122	.281	.120	.020
-4	.187	.060	.025	-42	.187	.093	.040	-82	.540	.105	.060	-123	.281	.120	.025
-5	.187	.060	.030	-43	.187	.093	.050	-83	.220	.108	.040	-124	.281	.120	.030
-6	.187	.060	.040	-44	.196	.093	.040	-84	.220	.115	.010	-125	.281	.120	.040
-7	.897	.060	.040	-45	.250	.093	.010	-85	.220	.115	.015	-126	.281	.120	.045
-8	1.450	.060	.040	-46	.250	.093	.015	-86	.220	.115	.020	-127	.281	.120	.050
-9	.596	.062	.040	-47	.250	.093	.020	-87	.220	.115	.025	-128	.281	.120	.060
-10	.866	.062	.040	-48	.250	.093	.025	-88	.220	.115	.030	-129	.375	.120	.010
-11	.955	.062	.040	-49	.250	.093	.030	-89	.220	.115	.040	-130	.375	.120	.015
-12	.220	.063	.010	-50	.250	.093	.040	-90	.220	.115	.050	-131	.375	.120	.020
-13	.220	.063	.015	-51	.250	.093	.045	-91	.220	.115	.060	-132	.375	.120	.025
-14	.220	.063	.020	-52	.250	.093	.050	-92	.250	.115	.010	-133	.375	.120	.030
-15	.220	.063	.025	-53	.250	.093	.060	-93	.250	.115	.015	-134	.375	.120	.040
-16	.220	.063	.030	-54	.281	.093	.010	-94	.250	.115	.020	-135	.375	.120	.045
-17	.220	.063	.040	-55	.281	.093	.015	-95	.250	.115	.025	-136	.375	.120	.050
-18	.220	.063	.050	-56	.281	.093	.020	-96	.250	.115	.030	-137	.375	.120	.060
-19	.151	.065	.030	-57	.281	.093	.025	-97	.250	.115	.040	-138	.192	.125	.040
-20	.188	.065	.040	-58	.281	.093	.030	-98	.250	.115	.045	-139	.245	.125	.060
-21	.220	.070	.040	-59	.281	.093	.040	-99	.250	.115	.050	-140	.275	.125	.060
-22	.187	.080	.010	-60	.281	.093	.045	-100	.250	.115	.060	-141	.281	.125	.060
-23	.187	.080	.015	-61	.281	.093	.050	-101	.281	.115	.010	-142	.312	.125	.010
-24	.187	.080	.020	-62	.281	.093	.060	-102	.281	.115	.015	-143	.312	.125	.015
-25	.187	.080	.025	-63	.245	.095	.040	-103	.281	.115	.020	-144	.312	.125	.020
-26	.187	.080	.030	-64	.192	.098	.040	-104	.281	.115	.025	-145	.312	.125	.025
-27	.187	.080	.040	-65	.150	.100	.015	-105	.281	.115	.030	-146	.312	.125	.030
-28	.182	.085	.040	-66	.170	.105	.040	-106	.281	.115	.040	-147	.312	.125	.040
-29	.190	.085	.040	-67	.220	.105	.010	-107	.281	.115	.045	-148	.312	.125	.045
-30	.156	.090	.010	-68	.220	.105	.015	-108	.281	.115	.050	-149	.312	.125	.050
-31	.156	.090	.015	-69	.220	.105	.020	-109	.281	.115	.060	-150	.312	.125	.060
-32	.156	.090	.020	-70	.220	.105	.025	-110	.600	.115	.060	-151	.370	.125	.060
-33	.156	.090	.025	-71	.220	.105	.030	-111	.250	.120	.010	-152	.437	.125	.010
-34	.156	.090	.030	-72	.220	.105	.040	-112	.250	.120	.015	-153	.437	.125	.015
-35	.174	.092	.040	-73	.250	.105	.010	-113	.250	.120	.020	-154	.437	.125	.020
-36	.156	.093	.030	-74	.250	.105	.015	-114	.250	.120	.025	-155	.437	.125	.025
-37	.187	.093	.010	-75	.250	.105	.020	-115	.250	.120	.030	-156	.437	.125	.030
-38	.187	.093	.015	-76	.250	.105	.025	-116	.250	.120	.040	-157	.437	.125	.040
				-77	.250	.105	.030	-117	.250	.120	.045	-158	.437	.125	.045
				-78	.250	.105	.040	-118	.250	.120	.050				
								-119	.250	.120	.060				

(continued next page)

.060 I.D. to .125 I.D.

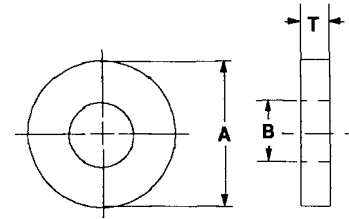
STAMPED FLAT WASHERS (continued)

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-24	Delrin®	-42	Nylatron GS	-78	Nylon 6/6, (black)



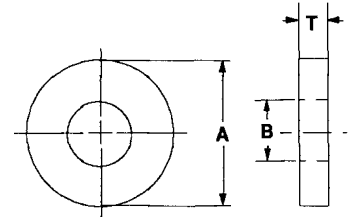
Part No. FN100 - (Size Code No.) - (Material Code No.)

Size Code No.	O.D. A	I.D. B	Thk. T	Size Code No.	O.D. A	I.D. B	Thk. T	Size Code No.	O.D. A	I.D. B	Thk. T	Size Code No.	O.D. A	I.D. B	Thk. T
-159	.437	.125	.050	-200	.250	.141	.010	-243	.500	.141	.030	-287	.233	.146	.060
-160	.437	.125	.050	-201	.250	.141	.015	-244	.500	.141	.040	-288	.307	.146	.060
-161	.500	.125	.010	-202	.250	.141	.020	-245	.500	.141	.045	-289	.370	.146	.060
-162	.500	.125	.015	-203	.250	.141	.025	-246	.500	.141	.050	-290	.250	.150	.010
-163	.500	.125	.020	-204	.250	.141	.030	-247	.500	.141	.060	-291	.250	.150	.015
-164	.500	.125	.025	-205	.250	.141	.040	-248	.505	.142	.060	-292	.250	.150	.020
-165	.500	.125	.030	-206	.250	.141	.045	-249	.495	.143	.060	-293	.250	.150	.025
-166	.500	.125	.040	-207	.250	.141	.050	-250	.560	.143	.060	-294	.250	.150	.030
-167	.500	.125	.045	-208	.250	.141	.060	-251	.312	.145	.010	-295	.250	.150	.040
-168	.500	.125	.050	-209	.254	.141	.040	-252	.312	.145	.015	-296	.250	.150	.045
-169	.500	.125	.060	-210	.312	.141	.010	-253	.312	.145	.020	-297	.250	.150	.050
-170	.932	.125	.060	-211	.312	.141	.015	-254	.312	.145	.025	-298	.250	.150	.060
-171	.245	.130	.060	-212	.312	.141	.020	-255	.312	.145	.030	-299	.312	.150	.010
-172	.250	.130	.010	-213	.312	.141	.025	-256	.312	.145	.040	-300	.312	.150	.015
-173	.250	.130	.015	-214	.312	.141	.030	-257	.312	.145	.045	-301	.312	.150	.020
-174	.250	.130	.020	-215	.312	.141	.040	-258	.312	.145	.050	-302	.312	.150	.025
-175	.250	.130	.025	-216	.312	.141	.045	-259	.312	.145	.060	-303	.312	.150	.030
-176	.250	.130	.030	-217	.312	.141	.050	-260	.375	.145	.010	-304	.312	.150	.040
-177	.250	.130	.040	-218	.312	.141	.060	-261	.375	.145	.015	-305	.312	.150	.045
-178	.250	.130	.045	-219	.375	.141	.010	-262	.375	.145	.020	-306	.312	.150	.050
-179	.250	.130	.050	-220	.375	.141	.015	-263	.375	.145	.025	-307	.312	.150	.060
-180	.250	.130	.060	-221	.375	.141	.020	-264	.375	.145	.030	-308	.375	.150	.010
-181	.281	.130	.060	-222	.375	.141	.025	-265	.375	.145	.040	-309	.375	.150	.015
-182	.307	.130	.060	-223	.375	.141	.030	-266	.375	.145	.045	-310	.375	.150	.020
-183	.370	.130	.060	-224	.375	.141	.040	-267	.375	.145	.050	-311	.375	.150	.025
-184	.375	.130	.010	-225	.375	.141	.045	-268	.375	.145	.060	-312	.375	.150	.030
-185	.375	.130	.015	-226	.375	.141	.050	-269	.437	.145	.010	-313	.375	.150	.040
-186	.375	.130	.020	-227	.375	.141	.060	-270	.437	.145	.015	-314	.375	.150	.045
-187	.375	.130	.025	-228	.400	.141	.060	-271	.437	.145	.020	-315	.375	.150	.050
-188	.375	.130	.030	-229	.432	.141	.060	-272	.437	.145	.025	-316	.375	.150	.060
-189	.375	.130	.040	-230	.437	.141	.010	-273	.437	.145	.030	-317	.437	.150	.060
-190	.375	.130	.045	-231	.437	.141	.015	-274	.437	.145	.040	-318	.275	.155	.060
-191	.375	.130	.050	-232	.437	.141	.020	-275	.437	.145	.045	-319	.307	.155	.060
-192	.375	.130	.060	-233	.437	.141	.025	-276	.437	.145	.050	-320	.370	.155	.060
-193	.432	.130	.060	-234	.437	.141	.030	-277	.437	.145	.060	-321	.435	.155	.060
-194	.495	.130	.060	-235	.437	.141	.040	-278	.500	.145	.010	-322	.460	.155	.060
-195	.540	.130	.060	-236	.437	.141	.045	-279	.500	.145	.015	-323	.688	.155	.010
-196	.829	.130	.060	-237	.437	.141	.050	-280	.500	.145	.020	-324	.688	.155	.015
-197	.890	.130	.060	-238	.437	.141	.060	-281	.500	.145	.025	-325	.688	.155	.020
-198	.265	.135	.060	-239	.500	.141	.010	-282	.500	.145	.030	-326	.688	.155	.025
-199	.385	.140	.060	-240	.500	.141	.015	-283	.500	.145	.040	-327	.688	.155	.030
				-241	.500	.141	.020	-284	.500	.145	.045	-328	.688	.155	.040
				-242	.500	.141	.025	-285	.500	.145	.050				
								-286	.500	.145	.060				

(continued next page)

.125 I.D. to .155 I.D.

STAMPED FLAT WASHERS (continued)



Conversion note: 1 inch = 25.4 mm 1 mm = 0.03937 inch

Part No. FN100 - (Size Code No.) - (Material Code No.)

Size Code No.	O.D. A	I.D. B	Thk. T	Size Code No.	O.D. A	I.D. B	Thk. T	Size Code No.	O.D. A	I.D. B	Thk. T	Size Code No.	O.D. A	I.D. B	Thk. T
-329	.688	.155	.045	-374	.317	.173	.060	-416	.750	.195	.010	-463	.437	.205	.020
-330	.688	.155	.050	-375	.312	.175	.060	-419	.750	.195	.015	-464	.437	.205	.025
-331	.688	.155	.060	-376	.370	.175	.060	-420	.750	.195	.020	-465	.437	.205	.030
-332	.688	.159	.060	-377	.375	.175	.060	-421	.750	.195	.025	-466	.437	.205	.040
-333	.250	.160	.060	-378	.345	.180	.070	-422	.750	.195	.030	-467	.437	.205	.045
-334	.375	.160	.010	-379	.254	.183	.040	-423	.750	.195	.040	-468	.437	.205	.050
-335	.375	.160	.015	-380	.281	.186	.060	-424	.750	.195	.045	-469	.437	.205	.060
-336	.375	.160	.020	-381	.252	.187	.040	-425	.750	.195	.050	-470	.340	.206	.060
-337	.375	.160	.025	-382	.375	.187	.060	-426	.750	.195	.060	-471	.500	.208	.060
-338	.375	.160	.030	-383	.312	.190	.010	-427	.750	.196	.060	-472	.275	.215	.020
-339	.375	.160	.040	-384	.312	.190	.015	-428	.370	.199	.060	-473	.500	.215	.010
-340	.375	.160	.045	-385	.312	.190	.020	-429	.280	.200	.040	-474	.500	.215	.015
-341	.375	.160	.050	-386	.312	.190	.025	-430	.360	.200	.060	-475	.500	.215	.020
-342	.375	.160	.060	-387	.312	.190	.030	-431	.432	.200	.060	-476	.500	.215	.025
-343	.312	.162	.060	-388	.312	.190	.040	-432	.437	.200	.010	-477	.500	.215	.030
-344	.205	.165	.020	-389	.312	.190	.045	-433	.437	.200	.015	-478	.500	.215	.040
-345	.245	.165	.050	-390	.312	.190	.050	-434	.437	.200	.020	-479	.500	.215	.045
-346	.312	.170	.010	-391	.312	.190	.060	-435	.437	.200	.025	-480	.500	.215	.050
-347	.312	.170	.015	-392	.437	.190	.010	-436	.437	.200	.030	-481	.500	.215	.060
-348	.312	.170	.020	-393	.437	.190	.015	-437	.437	.200	.040	-482	.500	.223	.060
-349	.312	.170	.025	-394	.437	.190	.020	-438	.437	.200	.045	-483	.660	.223	.060
-350	.312	.170	.030	-395	.437	.190	.025	-439	.437	.200	.050	-484	.315	.225	.040
-351	.312	.170	.040	-396	.437	.190	.030	-440	.437	.200	.060	-485	.375	.225	.060
-352	.312	.170	.045	-397	.437	.190	.040	-441	.500	.200	.010	-486	.400	.225	.060
-353	.312	.170	.050	-398	.437	.190	.045	-442	.500	.200	.015	-487	.370	.255	.060
-354	.312	.170	.060	-399	.437	.190	.050	-443	.500	.200	.020	-488	.432	.255	.060
-355	.370	.170	.060	-400	.437	.190	.060	-444	.500	.200	.025	-489	.495	.255	.060
-356	.375	.170	.010	-401	.500	.192	.060	-445	.500	.200	.030	-490	.620	.255	.060
-357	.375	.170	.015	-402	.307	.193	.060	-446	.500	.200	.040	-491	.745	.255	.060
-358	.375	.170	.020	-403	.460	.193	.060	-447	.500	.200	.045	-492	1.448	.255	.060
-359	.375	.170	.025	-404	.660	.193	.060	-448	.500	.200	.050	-493	.375	.257	.010
-360	.375	.170	.030	-405	.745	.193	.060	-449	.500	.200	.060	-494	.375	.257	.015
-361	.375	.170	.040	-406	.324	.195	.060	-450	.750	.200	.010	-495	.375	.257	.020
-362	.375	.170	.045	-407	.370	.195	.060	-451	.750	.200	.015	-496	.375	.257	.025
-363	.375	.170	.050	-408	.375	.195	.010	-452	.750	.200	.020	-497	.375	.257	.030
-364	.375	.170	.060	-409	.375	.195	.015	-453	.750	.200	.025	-498	.375	.257	.040
-365	.437	.170	.010	-410	.375	.195	.020	-454	.750	.200	.030	-499	.375	.257	.045
-366	.437	.170	.015	-411	.375	.195	.025	-455	.750	.200	.040	-500	.375	.257	.050
-367	.437	.170	.020	-412	.375	.195	.030	-456	.750	.200	.045	-501	.375	.257	.060
-368	.437	.170	.025	-413	.375	.195	.040	-457	.750	.200	.050	-502	.437	.257	.010
-369	.437	.170	.030	-414	.375	.195	.045	-458	.750	.200	.060	-503	.437	.257	.015
-370	.437	.170	.040	-415	.375	.195	.050	-459	.870	.200	.060	-504	.437	.257	.020
-371	.437	.170	.045	-416	.375	.195	.060	-460	.432	.205	.060	-505	.437	.257	.025
-372	.437	.170	.050	-417	.437	.195	.060	-461	.437	.205	.010				
-373	.437	.170	.060					-462	.437	.205	.015				

(continued next page)

.155 I.D. to .257 I.D.

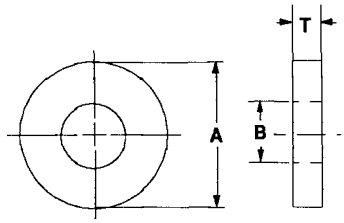
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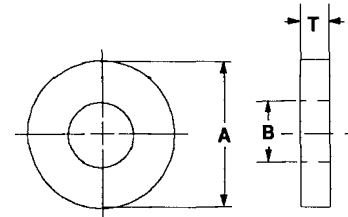
Size Code No.	O.D. A	I.D. B	Thk. T	Size Code No.	O.D. A	I.D. B	Thk. T	Size Code No.	O.D. A	I.D. B	Thk. T	Size Code No.	O.D. A	I.D. B	Thk. T
-506	.437	.257	.030	-550	.750	.257	.025	-590	.625	.290	.010	-632	.531	.317	.060
-507	.437	.257	.040	-551	.750	.257	.030	-591	.625	.290	.015	-633	.557	.317	.060
-508	.437	.257	.045	-552	.750	.257	.040	-592	.625	.290	.020	-634	.562	.317	.010
-509	.437	.257	.050	-553	.750	.257	.045	-593	.625	.290	.025	-635	.562	.317	.015
-510	.437	.257	.060	-554	.750	.257	.050	-594	.625	.290	.030	-636	.562	.317	.020
-511	.500	.257	.010	-555	.750	.257	.060	-595	.625	.290	.040	-637	.562	.317	.025
-512	.500	.257	.015	-556	.432	.258	.060	-596	.625	.290	.045	-638	.562	.317	.030
-513	.500	.257	.020	-557	.793	.258	.060	-597	.625	.290	.050	-639	.562	.317	.040
-514	.500	.257	.025	-558	.688	.259	.060	-598	.625	.290	.060	-640	.562	.317	.045
-515	.500	.257	.030	-559	.385	.260	.060	-599	.785	.290	.060	-641	.562	.317	.050
-516	.500	.257	.040	-560	.495	.263	.060	-600	1.110	.290	.060	-642	.562	.317	.060
-517	.500	.257	.045	-561	.557	.263	.060	-601	1.190	.290	.060	-643	.625	.317	.010
-518	.500	.257	.050	-562	.658	.263	.060	-602	.961	.300	.060	-644	.625	.317	.015
-519	.500	.257	.060	-563	.682	.263	.060	-603	.500	.305	.010	-645	.625	.317	.020
-520	.560	.257	.010	-564	.870	.263	.060	-604	.500	.305	.015	-646	.625	.317	.025
-521	.560	.257	.015	-565	.745	.265	.060	-605	.500	.305	.020	-647	.625	.317	.030
-522	.560	.257	.020	-566	1.260	.265	.060	-606	.500	.305	.025	-648	.625	.317	.040
-523	.560	.257	.025	-567	.437	.270	.060	-607	.500	.305	.030	-649	.625	.317	.045
-524	.560	.257	.030	-568	.620	.270	.060	-608	.500	.305	.040	-650	.625	.317	.050
-525	.560	.257	.040	-569	.625	.270	.010	-609	.500	.305	.045	-651	.625	.317	.060
-526	.560	.257	.045	-570	.625	.270	.015	-610	.500	.305	.050	-652	.750	.317	.010
-527	.560	.257	.050	-571	.625	.270	.020	-611	.500	.305	.060	-653	.750	.317	.015
-528	.560	.257	.060	-572	.625	.270	.025	-612	.500	.309	.060	-654	.750	.317	.020
-529	.625	.257	.010	-573	.625	.270	.030	-613	.437	.315	.010	-655	.750	.317	.025
-530	.625	.257	.015	-574	.625	.270	.040	-614	.437	.315	.015	-656	.750	.317	.030
-531	.625	.257	.020	-575	.625	.270	.045	-615	.437	.315	.020	-657	.750	.317	.040
-532	.625	.257	.025	-576	.625	.270	.050	-616	.437	.315	.025	-658	.750	.317	.045
-533	.625	.257	.030	-577	.625	.270	.060	-617	.437	.315	.030	-659	.750	.317	.050
-534	.625	.257	.040	-578	.812	.275	.060	-618	.437	.315	.040	-660	.750	.317	.060
-535	.625	.257	.045	-579	.385	.281	.060	-619	.437	.315	.045	-661	.437	.318	.060
-536	.625	.257	.050	-580	.500	.290	.010	-620	.437	.315	.050	-662	.750	.318	.060
-537	.625	.257	.060	-581	.500	.290	.015	-621	.437	.315	.060	-663	.480	.319	.060
-538	.688	.257	.010	-582	.500	.290	.020	-622	.495	.317	.060	-664	.620	.320	.060
-539	.688	.257	.015	-583	.500	.290	.025	-623	.500	.317	.010	-665	.745	.327	.060
-540	.688	.257	.020	-584	.500	.290	.030	-624	.500	.317	.015	-666	.625	.330	.010
-541	.688	.257	.025	-585	.500	.290	.040	-625	.500	.317	.020	-667	.625	.330	.015
-542	.688	.257	.030	-586	.500	.290	.045	-626	.500	.317	.025	-668	.625	.330	.020
-543	.688	.257	.040	-587	.500	.290	.050	-627	.500	.317	.030	-669	.625	.330	.025
-544	.688	.257	.045	-588	.500	.290	.060	-628	.500	.317	.040	-670	.625	.330	.030
-545	.688	.257	.060	-589	.620	.290	.060	-629	.500	.317	.045	-671	.625	.330	.040
-547	.750	.257	.010	-630	.500	.317	.050	-630	.500	.317	.050	-672	.625	.330	.045
-548	.750	.257	.015	-631	.500	.317	.060	-631	.500	.317	.060				
-549	.750	.257	.020												

(continued next page)

257 I.D. to .330 I.D.

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STAMPED FLAT WASHERS (continued)



Conversion note: 1 inch = 25.4 mm 1 mm = 0.03937 inch

Part No. FN100 - (Size Code No.) - (Material Code No.)

Size Code No.	O.D. A	I.D. B	Thk. T	Size Code No.	O.D. A	I.D. B	Thk. T	Size Code No.	O.D. A	I.D. B	Thk. T	Size Code No.	O.D. A	I.D. B	Thk. T
-673	.625	.330	.050	-716	.750	.380	.050	-757	.750	.445	.045	-798	.750	.570	.010
-674	.625	.330	.060	-717	.750	.380	.060	-758	.750	.445	.050	-799	.750	.570	.015
-675	.620	.335	.060	-718	.557	.385	.060	-759	.750	.445	.060	-800	.750	.570	.020
-676	.658	.348	.060	-719	.625	.390	.010	-760	1.000	.445	.060	-801	.750	.570	.025
-677	.540	.378	.060	-720	.625	.390	.015	-761	.575	.447	.060	-802	.750	.570	.030
-678	.495	.380	.060	-721	.625	.390	.020	-762	.620	.447	.060	-803	.750	.570	.040
-679	.500	.380	.010	-722	.625	.390	.025	-763	.866	.504	.060	-804	.750	.570	.045
-680	.500	.380	.015	-723	.625	.390	.030	-764	.688	.505	.010	-805	.750	.570	.050
-681	.500	.380	.020	-724	.625	.390	.040	-765	.688	.505	.015	-806	.750	.570	.060
-682	.500	.380	.025	-725	.625	.390	.045	-766	.688	.505	.020	-807	.995	.570	.060
-683	.500	.380	.030	-726	.625	.390	.050	-767	.688	.505	.025	-808	.869	.626	.060
-684	.500	.380	.040	-727	.625	.390	.060	-768	.688	.505	.030	-809	.840	.630	.060
-685	.500	.380	.045	-728	.625	.400	.010	-769	.688	.505	.040	-810	1.117	.630	.060
-686	.500	.380	.050	-729	.625	.400	.015	-770	.688	.505	.045	-811	.807	.632	.060
-687	.500	.380	.060	-730	.625	.400	.020	-771	.688	.505	.050	-812	.870	.632	.060
-688	.562	.380	.010	-731	.625	.400	.025	-772	.688	.505	.060	-813	.995	.635	.060
-689	.562	.380	.015	-732	.625	.400	.030	-773	.750	.505	.010	-814	.995	.695	.060
-690	.562	.380	.020	-733	.625	.400	.040	-774	.750	.505	.015	-815	.812	.700	.060
-691	.562	.380	.025	-734	.625	.400	.045	-775	.750	.505	.020	-816	1.500	.758	.060
-692	.562	.380	.030	-735	.625	.400	.050	-776	.750	.505	.025	-817	.995	.820	.060
-693	.562	.380	.040	-736	.625	.400	.060	-777	.750	.505	.030	-818	1.088	.850	.060
-694	.562	.380	.045	-737	.620	.400	.060	-778	.750	.505	.040	-819	1.125	.890	.060
-695	.562	.380	.050	-738	.745	.400	.060	-779	.750	.505	.045	-820	1.372	.930	.060
-696	.562	.380	.060	-739	.490	.410	.040	-780	.750	.505	.050	-821	1.372	1.020	.060
-697	.620	.380	.060	-740	.656	.443	.060	-781	.750	.505	.060	-822	1.350	1.300	.060
-698	.625	.380	.010	-741	.625	.445	.010	-782	.682	.508	.060				
-699	.625	.380	.015	-742	.625	.445	.015	-783	.745	.508	.060				
-700	.625	.380	.020	-743	.625	.445	.020	-784	1.000	.509	.060				
-701	.625	.380	.025	-744	.625	.445	.025	-785	.750	.515	.010				
-702	.625	.380	.030	-745	.625	.445	.030	-786	.750	.515	.015				
-703	.625	.380	.040	-746	.625	.445	.040	-787	.750	.515	.020				
-704	.625	.380	.045	-747	.625	.445	.045	-788	.750	.515	.025				
-705	.625	.380	.050	-748	.625	.445	.050	-789	.750	.515	.030				
-706	.625	.380	.060	-749	.625	.445	.060	-790	.750	.515	.040				
-707	.656	.380	.060	-750	.745	.445	.060	-791	.750	.515	.045				
-708	.745	.380	.060					-792	.750	.515	.050				
-709	.750	.380	.010					-793	.750	.515	.060				
-710	.750	.380	.015	-751	.750	.445	.010	-794	.745	.520	.060				
-711	.750	.380	.020	-752	.750	.445	.015	-795	.875	.520	.060				
-712	.750	.380	.025	-753	.750	.445	.020								
-713	.750	.380	.030	-754	.750	.445	.025	-796	.803	.533	.060				
-714	.750	.380	.040	-755	.750	.445	.030								
-715	.750	.380	.045	-756	.750	.445	.040	-797	.745	.570	.060				

.330 I.D. to 1.300 I.D.