

REV. A

SAE AS3215

FEDERAL SUPPLY CLASS
5365

RATIONALE

AS3215A HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

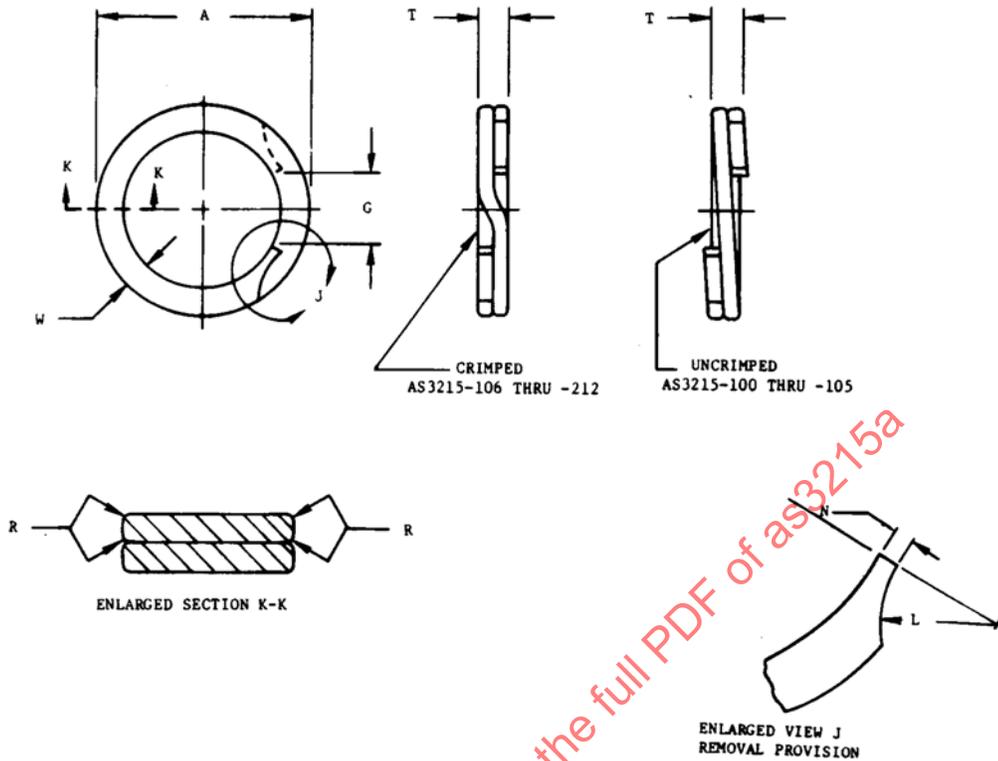
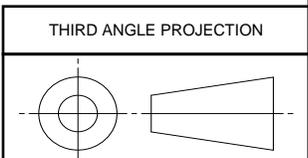


FIGURE 1

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CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: NONE

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

RING, RETAINING-SPIRAL, INTERNAL,
HEAVY DUTY, CRES

SAE AS3215
SHEET 1 OF 6

REV. A

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ISSUED 1976-06 REVISED 1979-02 REAFFIRMED 2012-11

TABLE 1 - RETAINING RING DIMENSIONS IN INCHES

Part Number	Nom. Bore Dia.	A	T	W	G	R	L	H
AS3215-100	.500	.538-.551	.033-.037	.040-.048	.312-.438	.005-.009		.013-.026
AS3215-101	.512	.550-.563	.033-.037	.040-.048	.312-.438	.005-.009		.013-.026
AS3215-102	.562	.605-.618	.033-.037	.050-.058	.312-.438	.005-.009		.016-.031
AS3215-103	.625	.675-.688	.033-.037	.050-.058	.312-.438	.005-.009		.016-.031
AS3215-104	.688	.743-.756	.033-.037	.060-.068	.343-.469	.005-.009	.082 .012	.018-.038
AS3215-105	.750	.807-.820	.033-.037	.060-.068	.343-.469	.005-.009		.018-.038
AS3215-106	.777	.836-.849	.040-.044	.070-.078	.343-.469	.006-.011		.020-.042
AS3215-107	.812	.873-.886	.040-.044	.070-.078	.343-.469	.006-.011		.020-.042
AS3215-108	.866	.931-.944	.040-.044	.070-.078	.343-.469	.006-.011		.020-.042
AS3215-109	.875	.943-.956	.040-.044	.080-.088	.343-.469	.006-.011		.028-.045
AS3215-110	.901	.972-.985	.040-.044	.080-.088	.343-.469	.006-.011		.028-.045
AS3215-111	.938	1.013-1.026	.040-.044	.080-.088	.343-.469	.006-.011		.028-.045
AS3215-112	1.000	1.080-1.093	.040-.044	.080-.088	.375-.501	.006-.011		.028-.045
AS3215-113	1.023	1.105-1.118	.040-.044	.080-.088	.375-.501	.006-.011		.028-.045
AS3215-114	1.062	1.138-1.151	.048-.052	.098-.106	.375-.501	.006-.012	.208 .16R	.032-.045
AS3215-115	1.125	1.205-1.218	.048-.052	.098-.106	.375-.501	.006-.012		.032-.045
AS3215-116	1.188	1.271-1.284	.048-.052	.098-.106	.375-.501	.006-.012		.032-.045
AS3215-117	1.250	1.339-1.352	.048-.052	.098-.106	.375-.501	.006-.012		.032-.045
AS3215-118	1.312	1.406-1.419	.048-.052	.113-.121	.375-.501	.006-.012		.034-.064
AS3215-119	1.375	1.471-1.484	.048-.052	.113-.121	.375-.501	.006-.012		.034-.064
AS3215-120	1.439	1.539-1.552	.048-.052	.113-.121	.406-.594	.006-.012		.034-.064
AS3215-121	1.456	1.559-1.572	.048-.052	.113-.121	.406-.594	.006-.012		.034-.064
AS3215-122	1.500	1.605-1.618	.048-.052	.113-.121	.406-.594	.006-.012		.034-.064
AS3215-123	1.562	1.675-1.695	.059-.065	.123-.131	.531-.719	.008-.015		.035-.065
AS3215-124	1.625	1.742-1.762	.059-.065	.123-.131	.531-.719	.008-.015		.035-.065
AS3215-125	1.653	1.772-1.792	.059-.065	.123-.131	.531-.719	.008-.015		.035-.065
AS3215-126	1.688	1.810-1.830	.059-.065	.123-.131	.531-.719	.008-.015		.035-.065
AS3215-127	1.750	1.876-1.896	.059-.065	.123-.131	.531-.719	.008-.015		.035-.065
AS3215-128	1.812	1.940-1.960	.059-.065	.123-.131	.531-.719	.008-.015		.035-.065
AS3215-129	1.850	1.981-2.001	.059-.065	.154-.161	.531-.719	.008-.015	.332 .292	.040-.088
AS3215-130	1.875	2.008-2.028	.059-.065	.154-.161	.531-.719	.008-.015		.040-.088
AS3215-131	1.938	2.075-2.095	.059-.065	.154-.161	.531-.719	.008-.015		.040-.088
AS3215-132	2.000	2.142-2.162	.059-.065	.154-.161	.563-.813	.008-.015		.040-.088
AS3215-133	2.062	2.201-2.226	.075-.081	.162-.172	.563-.813	.010-.019		.042-.090
AS3215-134	2.125	2.267-2.292	.075-.081	.162-.172	.563-.813	.010-.019		.042-.090
AS3215-135	2.188	2.334-2.359	.075-.081	.162-.172	.563-.813	.010-.019		.042-.090
AS3215-136	2.250	2.399-2.424	.075-.081	.162-.172	.563-.813	.010-.019		.042-.090
AS3215-137	2.312	2.467-2.492	.075-.081	.194-.204	.563-.813	.010-.019		.050-.110
AS3215-138	2.375	2.535-2.560	.075-.081	.194-.204	.563-.813	.010-.019		.050-.110
AS3215-139	2.440	2.602-2.627	.075-.081	.194-.204	.563-.813	.010-.019		.050-.110
AS3215-140	2.500	2.667-2.692	.075-.081	.194-.204	.750-1.000	.010-.019		.050-.110
AS3215-141	2.531	2.700-2.725	.075-.081	.194-.204	.750-1.000	.010-.019		.050-.110
AS3215-142	2.562	2.733-2.763	.090-.096	.219-.229	.750-1.000	.012-.023		.060-.120
AS3215-143	2.625	2.801-2.831	.090-.096	.219-.229	.750-1.000	.012-.023		.060-.120
AS3215-144	2.688	2.868-2.898	.090-.096	.219-.229	.750-1.000	.012-.023		.060-.120
AS3215-145	2.750	2.934-2.964	.090-.096	.219-.229	.750-1.000	.012-.023		.060-.120
AS3215-146	2.813	3.001-3.031	.090-.096	.219-.229	.750-1.000	.012-.023	.520 .480	.060-.120
AS3215-147	2.834	3.027-3.057	.090-.096	.219-.229	.750-1.000	.012-.023		.060-.120
AS3215-148	2.875	3.072-3.102	.090-.096	.219-.229	.750-1.000	.012-.023		.060-.120
AS3215-149	3.000	3.204-3.234	.090-.096	.219-.229	.750-1.000	.012-.023		.060-.120
AS3215-150	3.062	3.271-3.306	.108-.114	.275-.285	.838-1.188	.014-.027		.085-.155
AS3215-151	3.125	3.338-3.373	.108-.114	.275-.285	.838-1.188	.014-.027		.085-.155
AS3215-152	3.157	3.371-3.406	.108-.114	.275-.285	.838-1.188	.014-.027		.085-.155
AS3215-153	3.250	3.470-3.505	.108-.114	.275-.285	.838-1.188	.014-.027		.085-.155
AS3215-154	3.346	3.571-3.606	.108-.114	.275-.285	.838-1.188	.014-.027		.085-.155
AS3215-155	3.469	3.701-3.736	.108-.114	.275-.285	.838-1.188	.014-.027		.085-.155
AS3215-156	3.500	3.736-3.771	.108-.114	.275-.285	.838-1.188	.014-.027		.085-.155
AS3215-157	3.543	3.781-3.816	.108-.114	.275-.285	.838-1.188	.014-.027		.085-.155
AS3215-158	3.562	3.802-3.837	.108-.114	.275-.285	.838-1.188	.014-.027		.085-.155
AS3215-159	3.625	3.868-3.903	.108-.114	.275-.285	.838-1.188	.014-.027		.085-.155
AS3215-160	3.750	4.002-4.037	.108-.114	.304-.316	1.188-1.438	.014-.027	1.020 .980	.090-.160
AS3215-161	3.875	4.136-4.171	.108-.114	.304-.316	1.188-1.438	.014-.027		.090-.160
AS3215-162	3.938	4.203-4.238	.108-.114	.304-.316	1.188-1.438	.014-.027		.090-.160
AS3215-163	4.000	4.270-4.305	.108-.114	.304-.316	1.188-1.438	.014-.027		.090-.160
AS3215-164	4.125	4.369-4.404	.108-.114	.304-.316	1.188-1.438	.014-.027		.090-.160

TABLE 1 - RETAINING RING DIMENSIONS IN INCHES (CONTINUED)

Part Number	Min. Bore Dia.	A	T	M	C	P	L	N
AS3215-165	4.250	4.501- 4.536	.108-.114	.304-.316	1.188-1.438	.014-.027		.090-.160
AS3215-166	4.330	4.588- 4.623	.108-.114	.304-.316	1.188-1.438	.014-.027		.090-.160
AS3215-167	4.500	4.768- 4.803	.108-.114	.304-.316	1.188-1.438	.014-.027		.090-.160
AS3215-168	4.625	4.899- 4.934	.108-.114	.304-.316	1.188-1.438	.014-.027		.090-.160
AS3215-169	4.750	5.030- 5.065	.108-.114	.304-.316	1.188-1.438	.014-.027		.090-.160
AS3215-170	5.000	5.297- 5.332	.108-.114	.304-.316	1.688-1.938	.014-.027		.090-.160
AS3215-171	5.250	5.559- 5.609	.123-.131	.342-.354	1.688-1.938	.016-.031		.100-.180
AS3215-172	5.375	5.690- 5.740	.123-.131	.342-.354	1.688-1.938	.016-.031		.100-.180
AS3215-173	5.500	5.810- 5.860	.123-.131	.342-.354	1.688-1.938	.016-.031		.100-.180
AS3215-174	5.750	6.062- 6.112	.123-.131	.342-.354	1.688-1.938	.016-.031		.100-.180
AS3215-175	6.000	6.314- 6.364	.123-.131	.342-.354	1.688-1.938	.016-.031		.100-.180
AS3215-176	6.250	6.576- 6.631	.151-.161	.372-.384	1.688-1.938	.019-.038		.110-.190
AS3215-177	6.500	6.838- 6.893	.151-.161	.372-.384	1.688-1.938	.019-.038		.110-.190
AS3215-178	6.625	6.974- 7.029	.151-.161	.372-.384	1.688-1.938	.019-.038		.110-.190
AS3215-179	6.750	7.105- 7.160	.151-.161	.372-.384	1.688-1.938	.019-.038		.110-.190
AS3215-180	7.000	7.366- 7.421	.151-.161	.372-.384	2.375-2.625	.019-.038	1.62	.110-.190
AS3215-181	7.250	7.628- 7.698	.182-.192	.410-.422	2.375-2.625	.023-.046		.090-.210
AS3215-182	7.500	7.895- 7.965	.182-.192	.410-.422	2.375-2.625	.023-.046		.090-.210
AS3215-183	7.750	8.157- 8.227	.182-.192	.410-.422	2.375-2.625	.023-.046		.090-.210
AS3215-184	8.000	8.419- 8.489	.182-.192	.410-.422	2.375-2.625	.023-.046		.090-.210
AS3215-185	8.250	8.680- 8.750	.182-.192	.429-.441	2.375-2.625	.023-.046		.100-.220
AS3215-186	8.500	8.942- 9.012	.182-.192	.429-.441	2.375-2.625	.023-.046		.100-.220
AS3215-187	8.750	9.209- 9.279	.182-.192	.429-.441	2.375-2.625	.023-.046		.100-.220
AS3215-188	9.000	9.471- 9.541	.182-.192	.429-.441	2.375-2.625	.023-.046		.100-.220
AS3215-189	9.250	9.737- 9.807	.182-.192	.429-.441	2.375-2.625	.023-.046		.100-.220
AS3215-190	9.500	10.000-10.070	.182-.192	.490-.505	2.875-3.125	.023-.046		.110-.250
AS3215-191	9.750	10.260-10.330	.182-.192	.490-.505	2.875-3.125	.023-.046		.110-.250
AS3215-192	10.000	10.523-10.593	.182-.192	.490-.505	2.875-3.125	.023-.046		.110-.250
AS3215-193	10.250	10.786-10.856	.182-.192	.490-.505	2.875-3.125	.023-.046		.110-.250
AS3215-194	10.500	11.047-11.117	.182-.192	.490-.505	2.875-3.125	.023-.046		.110-.250
AS3215-195	10.750	11.313-11.433	.182-.192	.490-.505	2.875-3.125	.023-.046		.110-.250
AS3215-196	11.000	11.575-11.695	.182-.192	.490-.505	2.875-3.125	.023-.046		.110-.250
AS3215-197	11.250	11.838-11.958	.182-.192	.490-.505	2.875-3.125	.023-.046		.110-.250
AS3215-198	11.500	12.102-12.222	.182-.192	.552-.567	3.500-3.750	.023-.046		.130-.285
AS3215-199	11.750	12.375-12.485	.182-.192	.552-.567	3.500-3.750	.023-.046		.130-.285
AS3215-200	12.000	12.628-12.748	.182-.192	.552-.567	3.500-3.750	.023-.046		.130-.285
AS3215-201	12.250	12.891-13.111	.182-.192	.552-.567	3.500-3.750	.023-.046		.130-.285
AS3215-202	12.500	13.154-13.274	.182-.192	.552-.567	3.500-3.750	.023-.046		.130-.285
AS3215-203	12.750	13.417-13.537	.182-.192	.552-.567	3.500-3.750	.023-.046		.130-.285
AS3215-204	13.000	13.680-13.820	.182-.192	.552-.567	3.500-3.750	.023-.046		.150-.335
AS3215-205	13.250	13.943-14.083	.182-.192	.552-.567	3.500-3.750	.023-.046	1.52	.150-.335
AS3215-206	13.500	14.207-14.347	.182-.192	.552-.567	3.500-3.750	.023-.046	1.58	.150-.335
AS3215-207	13.750	14.470-14.610	.182-.192	.552-.567	3.500-3.750	.023-.046		.150-.335
AS3215-208	14.000	14.732-14.872	.182-.192	.552-.567	4.062-4.438	.023-.046		.150-.335
AS3215-209	14.250	14.995-15.135	.182-.192	.552-.567	4.062-4.438	.023-.046		.150-.335
AS3215-210	14.500	15.259-15.399	.182-.192	.740-.755	4.062-4.438	.023-.046		.170-.375
AS3215-211	14.750	15.522-15.662	.182-.192	.740-.755	4.062-4.438	.023-.046		.170-.375
AS3215-212	15.000	15.785-15.925	.182-.192	.740-.755	4.062-4.438	.023-.046		.170-.375

SAE INTERNATIONAL GROUP

TABLE 1 - RETAINING RING DIMENSIONS IN INCHES (CONTINUED)

Part Number	Nom. Bore Dia.	A	T	U	G	R	L	"
AS3215-100	12.70	13.67- 14.00	0.84-0.94	1.02- 1.22	7.9- 11.12	0.13 -0.23		0.33- 0.66
AS3215-101	13.00	13.97- 14.30	0.84-0.94	1.02- 1.22	7.9- 11.12	0.13 -0.23		0.33- 0.66
AS3215-102	14.27	15.37- 15.70	0.84-0.94	1.27- 1.47	7.9- 11.12	0.13 -0.23		0.41- 0.79
AS3215-103	15.88	17.14- 17.48	0.84-0.94	1.27- 1.47	7.9- 11.12	0.13 -0.23		0.41- 0.79
AS3215-104	17.48	18.87- 19.20	0.84-0.94	1.52- 1.73	8.7- 11.9	0.13 -0.23	2.1 1.1	0.46- 0.97
AS3215-105	19.05	20.50- 20.83	0.84-0.94	1.52- 1.73	8.7- 11.9	0.13 -0.23		0.46- 0.97
AS3215-106	19.74	21.23- 21.56	1.02-1.12	1.78- 1.98	8.7- 11.9	0.15 -0.28		0.51- 1.07
AS3215-107	20.62	22.17- 22.50	1.02-1.12	1.78- 1.98	8.7- 11.9	0.15 -0.28		0.51- 1.07
AS3215-108	22.00	23.65- 23.98	1.02-1.12	1.78- 1.98	8.7- 11.9	0.15 -0.28		0.51- 1.07
AS3215-109	22.22	23.95- 24.28	1.02-1.12	2.03- 2.24	8.7- 11.9	0.15 -0.28		0.71- 1.14
AS3215-110	22.89	24.69- 25.02	1.02-1.12	2.03- 2.24	8.7- 11.9	0.15 -0.28		0.71- 1.14
AS3215-111	23.83	25.73- 26.06	1.02-1.12	2.03- 2.24	8.7- 11.9	0.15 -0.28		0.71- 1.14
AS3215-112	25.40	27.43- 27.76	1.02-1.12	2.03- 2.24	9.5- 12.7	0.15 -0.28		0.71- 1.14
AS3215-113	25.98	28.07- 28.40	1.02-1.12	2.03- 2.24	9.5- 12.7	0.15 -0.28		0.71- 1.14
AS3215-114	26.97	28.91- 29.24	1.22-1.32	2.49- 2.69	9.5- 12.7	0.15 -0.30		0.81- 1.14
AS3215-115	28.58	30.61- 30.94	1.22-1.32	2.49- 2.69	9.5- 12.7	0.15 -0.30	5.3 4.3	0.81- 1.14
AS3215-116	30.18	32.28- 32.61	1.22-1.32	2.49- 2.69	9.5- 12.7	0.15 -0.30		0.81- 1.14
AS3215-117	31.75	34.01- 34.34	1.22-1.32	2.49- 2.69	9.5- 12.7	0.15 -0.30		0.81- 1.14
AS3215-118	33.32	35.71- 36.04	1.22-1.32	2.87- 3.07	9.5- 12.7	0.15 -0.30		0.86- 1.63
AS3215-119	34.92	37.36- 37.69	1.22-1.32	2.87- 3.07	9.5- 12.7	0.15 -0.30		0.86- 1.63
AS3215-120	36.55	39.09- 39.42	1.22-1.32	2.87- 3.07	10.3- 15.1	0.15 -0.30		0.86- 1.63
AS3215-121	36.98	39.60- 39.93	1.22-1.32	2.87- 3.07	10.3- 15.1	0.15 -0.30		0.86- 1.63
AS3215-122	38.10	40.77- 41.10	1.22-1.32	2.87- 3.07	10.3- 15.1	0.15 -0.30		0.86- 1.63
AS3215-123	39.67	42.54- 43.05	1.50-1.65	3.12- 3.33	13.5- 18.3	0.20 -0.38		0.89- 1.65
AS3215-124	41.28	44.25- 44.75	1.50-1.65	3.12- 3.33	13.5- 18.3	0.20 -0.38		0.89- 1.65
AS3215-125	41.99	45.01- 45.52	1.50-1.65	3.12- 3.33	13.5- 18.3	0.20 -0.38		0.89- 1.65
AS3215-126	42.88	45.97- 46.48	1.50-1.65	3.12- 3.33	13.5- 18.3	0.20 -0.38		0.89- 1.65
AS3215-127	44.45	47.65- 48.16	1.50-1.65	3.12- 3.33	13.5- 18.3	0.20 -0.38		0.89- 1.65
AS3215-128	46.02	49.28- 49.78	1.50-1.65	3.12- 3.33	13.5- 18.3	0.20 -0.38		0.89- 1.65
AS3215-129	46.99	50.32- 50.83	1.50-1.65	3.91- 4.09	13.5- 18.3	0.20 -0.38	8.4 7.4	1.0 - 2.2
AS3215-130	47.62	51.00- 51.51	1.50-1.65	3.91- 4.09	13.5- 18.3	0.20 -0.38		1.0 - 2.2
AS3215-131	49.23	52.70- 53.21	1.50-1.65	3.91- 4.09	13.5- 18.3	0.20 -0.38		1.0 - 2.2
AS3215-132	50.80	54.41- 54.91	1.50-1.65	3.91- 4.09	14.3- 20.7	0.20 -0.38		1.0 - 2.2
AS3215-133	52.37	55.91- 56.54	1.90-2.06	4.11- 4.37	14.3- 20.7	0.25 -0.48		1.1 - 2.3
AS3215-134	53.98	57.58- 58.22	1.90-2.06	4.11- 4.37	14.3- 20.7	0.25 -0.48		1.1 - 2.3
AS3215-135	55.58	59.28- 59.92	1.90-2.06	4.11- 4.37	14.3- 20.7	0.25 -0.48		1.1 - 2.3
AS3215-136	57.15	60.93- 61.57	1.90-2.06	4.11- 4.37	14.3- 20.7	0.25 -0.48		1.1 - 2.3
AS3215-137	58.72	62.66- 63.30	1.90-2.06	4.93- 5.18	14.3- 20.7	0.25 -0.48		1.3 - 2.8
AS3215-138	60.32	64.39- 65.02	1.90-2.06	4.93- 5.18	14.3- 20.7	0.25 -0.48		1.3 - 2.8
AS3215-139	61.98	66.09- 66.73	1.90-2.06	4.93- 5.18	14.3- 20.7	0.25 -0.48		1.3 - 2.8
AS3215-140	63.50	67.74- 68.38	1.90-2.06	4.93- 5.18	19.0- 25.4	0.25 -0.48		1.3 - 2.8
AS3215-141	64.29	68.58- 69.22	1.90-2.06	4.93- 5.18	19.0- 25.4	0.25 -0.48		1.3 - 2.8
AS3215-142	65.07	69.42- 70.18	2.29-2.44	5.56- 5.82	19.0- 25.4	0.30 -0.58		1.5 - 3.0
AS3215-143	66.68	71.15- 71.91	2.29-2.44	5.56- 5.82	19.0- 25.4	0.30 -0.58		1.5 - 3.0
AS3215-144	68.28	72.85- 73.61	2.29-2.44	5.56- 5.82	19.0- 25.4	0.30 -0.58		1.5 - 3.0
AS3215-145	69.85	74.52- 75.29	2.29-2.44	5.56- 5.82	19.0- 25.4	0.30 -0.58		1.5 - 3.0
AS3215-146	71.45	76.23- 76.99	2.29-2.44	5.56- 5.82	19.0- 25.4	0.30 -0.58		1.5 - 3.0
AS3215-147	71.98	76.89- 77.65	2.29-2.44	5.56- 5.82	19.0- 25.4	0.30 -0.58		1.5 - 3.0
AS3215-148	73.02	78.03- 78.79	2.29-2.44	5.56- 5.82	19.0- 25.4	0.30 -0.58		1.5 - 3.0
AS3215-149	76.20	81.38- 82.14	2.29-2.44	5.56- 5.82	19.0- 25.4	0.30 -0.58	13.2 12.2	1.5 - 3.0
AS3215-150	77.77	83.08- 83.97	2.74-2.90	6.98- 7.24	21.3- 30.2	0.36 -0.69		2.2 - 3.9
AS3215-151	79.38	84.79- 85.67	2.74-2.90	6.98- 7.24	21.3- 30.2	0.36 -0.69		2.2 - 3.9
AS3215-152	80.19	85.62- 86.51	2.74-2.90	6.98- 7.24	21.3- 30.2	0.36 -0.69		2.2 - 3.9
AS3215-153	82.55	88.14- 89.03	2.74-2.90	6.98- 7.24	21.3- 30.2	0.36 -0.69		2.2 - 3.9
AS3215-154	84.99	90.70- 91.59	2.74-2.90	6.98- 7.24	21.3- 30.2	0.36 -0.69		2.2 - 3.9
AS3215-155	88.11	94.01- 94.89	2.74-2.90	6.98- 7.24	21.3- 30.2	0.36 -0.69		2.2 - 3.9
AS3215-156	88.90	94.89- 95.78	2.74-2.90	6.98- 7.24	21.3- 30.2	0.36 -0.69		2.2 - 3.9
AS3215-157	89.99	96.04- 96.93	2.74-2.90	6.98- 7.24	21.3- 30.2	0.36 -0.69		2.2 - 3.9
AS3215-158	90.47	96.57- 97.46	2.74-2.90	6.98- 7.24	21.3- 30.2	0.36 -0.69		2.2 - 3.9
AS3215-159	92.08	98.25- 99.14	2.74-2.90	6.98- 7.24	21.3- 30.2	0.36 -0.69		2.2 - 3.9
AS3215-160	95.25	101.65-102.54	2.74-2.90	7.72- 8.03	30.2- 36.5	0.36 -0.69		2.3 - 4.1
AS3215-161	98.42	105.05-105.94	2.74-2.90	7.72- 8.03	30.2- 36.5	0.36 -0.69		2.3 - 4.1
AS3215-162	100.03	106.76-107.65	2.74-2.90	7.72- 8.03	30.2- 36.5	0.36 -0.69	25.9 24.9	2.3 - 4.1
AS3215-163	101.60	108.46-109.35	2.74-2.90	7.72- 8.03	30.2- 36.5	0.36 -0.69		2.3 - 4.1
AS3215-164	104.78	110.97-111.86	2.74-2.90	7.72- 8.03	30.2- 36.5	0.36 -0.69		2.3 - 4.1