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MS9014(ASG)

CUSTODIAN

PROCUREMENT SPECIFICATION

MILITARY STANDARD

RING-RETAINING, INTERNAL, STEEL

MS9014(ASG)

SHEET 1 OF 1

MS FORM 1 NOV 60 200

01 00170

PART NO.	FREE DIMENSIONS				C	ANGLE		E	F			G	H	I	J	K	L	M	N	O	THICKNESS		APPROX. WEIGHT LBS/1000		
	A		B	MAX.		MIN.	MAX.		MIN.	MAX.	MIN.										MAX.	MIN.		MAX.	MIN.
	MAX.	MIN.																							
MS9014-26	1.567	1.542	1.381	1.357	.039	.078	.132	.078	.132	.0711	.0591	.686	.156	.090	.012	.052	.048	.052	.048	.052	.048	.052	.048	5.70	
MS9014-27	1.587	1.562	1.405	1.381	.0395	.078	.132	.078	.132	.0713	.0593	.696	.156	.090	.012	.052	.048	.052	.048	.052	.048	.052	.048	5.90	
MS9014-28	1.637	1.612	1.452	1.428	.040	.078	.134	.078	.134	.0719	.0599	.721	.156	.090	.012	.052	.048	.052	.048	.052	.048	.052	.048	6.60	
MS9014-29	1.708	1.675	1.512	1.488	.0425	.078	.139	.078	.139	.0773	.0633	.743	.156	.101	.012	.059	.059	.059	.059	.059	.059	.059	.059	8.80	
MS9014-30	1.776	1.743	1.568	1.544	.045	.078	.153	.078	.153	.084	.070	.765	.167	.113	.012	.065	.059	.065	.059	.065	.059	.065	.059	9.70	
MS9014-31	1.806	1.773	1.604	1.580	.046	.078	.151	.078	.151	.079	.065	.779	.167	.113	.012	.065	.059	.065	.059	.065	.059	.065	.059	9.80	
MS9014-32	1.843	1.810	1.640	1.616	.0465	.078	.152	.078	.152	.078	.065	.798	.167	.113	.012	.065	.059	.065	.059	.065	.059	.065	.059	10.00	
MS9014-33	1.911	1.878	1.707	1.683	.0475	.078	.151	.078	.151	.0809	.0669	.829	.167	.117	.012	.065	.059	.065	.059	.065	.059	.065	.059	10.10	
MS9014-34	1.978	1.945	1.770	1.746	.049	.078	.154	.078	.154	.080	.066	.862	.167	.117	.012	.065	.059	.065	.059	.065	.059	.065	.059	10.50	
MS9014-35	2.018	1.985	1.807	1.783	.0495	.078	.156	.078	.156	.082	.066	.882	.167	.117	.012	.065	.059	.065	.059	.065	.059	.065	.059	10.80	
MS9014-36	2.045	2.012	1.833	1.809	.050	.078	.157	.078	.157	.0822	.0682	.896	.167	.117	.012	.065	.059	.065	.059	.065	.059	.065	.059	11.10	
MS9014-37	2.115	2.082	1.895	1.871	.0515	.078	.162	.078	.162	.083	.069	.911	.167	.117	.012	.065	.059	.065	.059	.065	.059	.065	.059	11.40	
MS9014-38	2.180	2.147	1.968	1.944	.0535	.078	.172	.078	.172	.089	.075	.960	.167	.120	.012	.065	.059	.065	.059	.065	.059	.065	.059	13.20	
MS9014-39	2.250	2.217	2.008	1.984	.0565	.078	.178	.078	.178	.0919	.0779	.988	.167	.125	.012	.065	.059	.065	.059	.065	.059	.065	.059	17.00	
MS9014-40	2.320	2.287	2.076	2.052	.057	.078	.180	.078	.180	.092	.078	1.018	.167	.130	.012	.065	.059	.065	.059	.065	.059	.065	.059	18.00	
MS9014-41	2.390	2.357	2.136	2.112	.059	.078	.186	.078	.186	.096	.082	1.051	.167	.135	.012	.065	.059	.065	.059	.065	.059	.065	.059	20.70	
MS9014-42	2.460	2.427	2.205	2.181	.060	.078	.187	.078	.187	.097	.083	1.083	.167	.135	.012	.065	.059	.065	.059	.065	.059	.065	.059	20.90	
MS9014-43	2.525	2.492	2.273	2.249	.0635	.078	.199	.078	.199	.102	.088	1.115	.167	.135	.012	.065	.059	.065	.059	.065	.059	.065	.059	21.50	
MS9014-44	2.592	2.559	2.336	2.312	.065	.078	.202	.078	.202	.103	.089	1.149	.167	.135	.012	.065	.059	.065	.059	.065	.059	.065	.059	22.00	
MS9014-45	2.659	2.626	2.375	2.351	.066	.078	.208	.078	.208	.105	.091	1.177	.167	.135	.012	.065	.059	.065	.059	.065	.059	.065	.059	24.00	
MS9014-46	2.725	2.692	2.437	2.413	.0675	.078	.211	.078	.211	.113	.099	1.210	.167	.135	.012	.065	.059	.065	.059	.065	.059	.065	.059	26.00	
MS9014-47	2.790	2.757	2.498	2.474	.0685	.078	.212	.078	.212	.118	.094	1.243	.167	.135	.012	.065	.059	.065	.059	.065	.059	.065	.059	26.00	
MS9014-48	2.890	2.740	2.496	2.496	.0695	.078	.214	.078	.214	.120	.097	1.275	.167	.135	.012	.065	.059	.065	.059	.065	.059	.065	.059	30.00	
MS9014-49	2.870	2.820	2.572	2.572	.070	.078	.217	.078	.217	.122	.098	1.275	.167	.135	.012	.065	.059	.065	.059	.065	.059	.065	.059	31.50	
MS9014-50	2.937	2.887	2.629	2.629	.072	.078	.225	.078	.225	.123	.099	1.304	.167	.135	.012	.065	.059	.065	.059	.065	.059	.065	.059	34.50	
MS9014-51	3.005	2.955	2.87	2.87	.075	.078	.232	.078	.232	.125	.101	1.336	.167	.135	.012	.065	.059	.065	.059	.065	.059	.065	.059	35.00	
MS9014-52	3.070	3.020	2.930	2.930	.076	.078	.273	.078	.273	.136	.104	1.370	.167	.135	.012	.065	.059	.065	.059	.065	.059	.065	.059	43.00	
MS9014-53	3.093	3.043	2.967	2.967	.0765	.078	.275	.078	.275	.138	.104	1.382	.167	.135	.012	.065	.059	.065	.059	.065	.059	.065	.059	43.00	
MS9014-54	3.135	3.085	2.993	2.993	.0775	.078	.281	.078	.281	.141	.110	1.398	.167	.135	.012	.065	.059	.065	.059	.065	.059	.065	.059	43.00	
MS9014-55	3.275	3.225	3.092	3.092	.0825	.078	.286	.078	.286	.148	.114	1.468	.167	.135	.012	.065	.059	.065	.059	.065	.059	.065	.059	45.00	

③ INACTIVE FOR DESIGN

AFTER 13 JUNE 1960.

NO SUPERSEDING MS STANDARD

For definition and application of drawing status notes, see AML Bulletin No. 337

MATERIAL: STEEL AMS120

HARDNESS: ROCKWELL (15N - 86-88 for Rings MS9014-1 and MS9014-2 Only)

(30N - 66-73 for Rings MS9014-3 to MS9014-19 inclusive)

FINISH: AMS2400 (C 47-52 for Rings MS9014-20 to MS9014-55)

BREAK SHARP EDGES; .010 MAX.

WITH ALLOWANCE FOR INITIAL SET, RINGS SHALL NOT TAKE A PERMANENT SET OR FAIL BY CRACKING WHEN CONTRACTED SO THAT LOGS ARE IN CONTACT

DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED: TOLERANCES: ANGULAR DIMENSIONS ± 2°

DO NOT USE UNASSIGNED PART NUMBERS

LOGS MUST NOT BREAK THE LOG CONTOUR

APPROVED 1 JUL 54 REVISED ④ FOR CHANGES SEE SHEET NO. 1 AND 2

THIS STANDARD WAS DEVELOPED COOPERATIVELY WITH THE ENGINE AND PROPELLER UTILITY PARTS COMMITTEE OF THE SAE