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REV.
A

AS3472™

RATIONALE

FEDERAL SUPPLY CLASS
5365

AS3472A HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

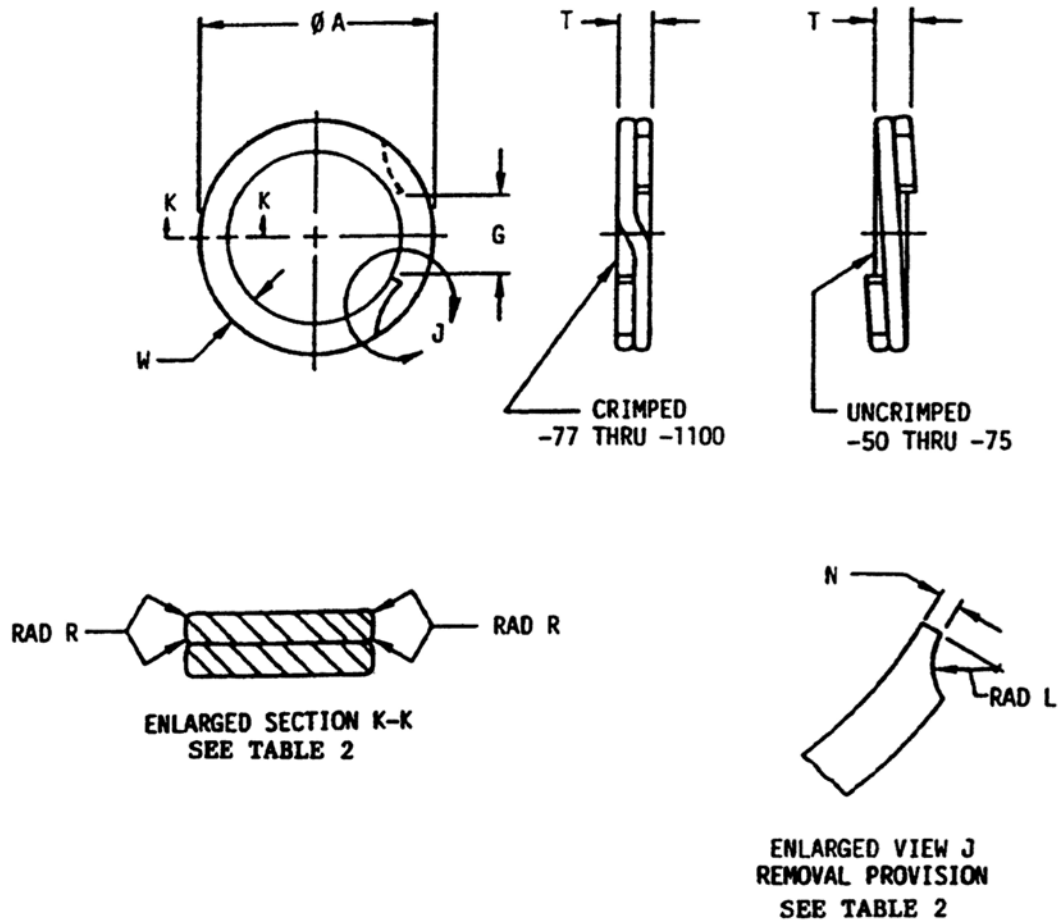
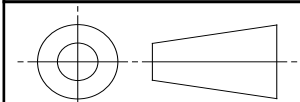


FIGURE 1

For more information on this standard, visit
<https://www.sae.org/standards/content/AS3472A/>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: NONE



AEROSPACE STANDARD

RING, RETAINING - INTERNAL, SPIRAL WOUND
HEAVY AND MEDIUM DUTY, UNS S66286

AS3472™
SHEET 1 OF 7

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TABLE 1 - RING DIMENSIONS, FREE STATE

TABLE 1A - SELECTED HEAVY DUTY SIZES

PART NO.	NOM BORE DIA	FREE OD fA	THICKNESS T	RADIAL WALL W	FREE GAP G	APPROX MASS lb/1000
AS3472-50	.500	.538-.551	.033-.037	.040-.048	.312-.438	.548
AS3472-51	.512	.550-.563	.033-.037	.040-.048	.312-.438	.565
AS3472-56	.562	.605-.618	.033-.037	.050-.058	.312-.438	.775
AS3472-62	.625	.675-.688	.033-.037	.050-.058	.312-.438	.894
AS3472-68	.688	.743-.756	.033-.037	.060-.068	.343-.469	1.167
AS3472-75	.750	.807-.820	.033-.037	.060-.068	.343-.469	1.295
AS3472-77	.777	.836-.849	.040-.044	.070-.078	.343-.469	1.840
AS3472-81	.812	.873-.886	.040-.044	.070-.078	.343-.469	1.942
AS3472-86	.866	.931-.944	.040-.044	.070-.078	.343-.469	2.101
AS3472-87	.875	.943-.956	.040-.044	.080-.088	.343-.469	2.400
AS3472-90	.901	.972-.985	.040-.044	.080-.088	.343-.469	2.467
AS3472-93	.938	1.013-1.026	.040-.044	.080-.088	.343-.469	2.595
AS3472-100	1.000	1.080-1.093	.040-.044	.080-.088	.375-.501	2.784
AS3472-102	1.023	1.105-1.118	.040-.044	.080-.088	.375-.501	2.862
AS3472-106	1.062	1.138-1.151	.048-.052	.098-.106	.375-.501	4.215
AS3472-112	1.125	1.205-1.218	.048-.052	.098-.106	.375-.501	4.519
AS3472-118	1.188	1.271-1.284	.048-.052	.098-.106	.375-.501	4.817
AS3472-125	1.250	1.339-1.352	.048-.052	.098-.106	.375-.501	5.125
AS3472-131	1.312	1.406-1.419	.048-.052	.113-.121	.375-.501	6.168
AS3472-137	1.375	1.471-1.484	.048-.052	.113-.121	.375-.501	6.506
AS3472-143	1.439	1.539-1.552	.048-.052	.113-.121	.406-.594	6.800
AS3472-145	1.456	1.559-1.572	.048-.052	.113-.121	.406-.594	6.904
AS3472-150	1.500	1.605-1.618	.048-.052	.113-.121	.406-.594	7.142
AS3472-156	1.562	1.675-1.695	.059-.065	.123-.131	.531-.719	9.777
AS3472-162	1.625	1.742-1.762	.059-.065	.123-.131	.531-.719	10.244
AS3472-165	1.653	1.772-1.792	.059-.065	.123-.131	.531-.719	10.453
AS3472-168	1.688	1.810-1.830	.059-.065	.123-.131	.531-.719	10.718
AS3472-175	1.750	1.876-1.896	.059-.065	.123-.131	.531-.719	11.177
AS3472-181	1.812	1.940-1.960	.059-.065	.123-.131	.531-.719	11.622
AS3472-185	1.850	1.981-2.001	.059-.065	.153-.161	.531-.719	14.496
AS3472-187	1.875	2.008-2.028	.059-.065	.153-.161	.531-.719	14.787
AS3472-193	1.938	2.075-2.095	.059-.065	.153-.161	.531-.719	15.368
AS3472-200	2.000	2.142-2.162	.059-.065	.153-.161	.563-.813	15.849



AEROSPACE STANDARD

RING, RETAINING - INTERNAL, SPIRAL WOUND
HEAVY AND MEDIUM DUTY, UNS S66286AS3472™
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TABLE 1B - SELECTED MEDIUM DUTY SIZES

PART NO.	NOM BORE DIA	FREE OD 1A	THICKNESS T	RADIAL WALL W	FREE GAP G	APPROX MASS lb/1000
AS3472-204	2.047	2.138-2.158	.046-.052	.123-.131	.531-.719	10.341
AS3472-206	2.062	2.154-2.179	.046-.052	.123-.131	.531-.719	10.443
AS3472-212	2.125	2.217-2.242	.046-.052	.123-.131	.531-.719	10.790
AS3472-216	2.165	2.260-2.285	.046-.052	.133-.141	.531-.719	11.850
AS3472-218	2.188	2.284-2.309	.046-.052	.133-.141	.531-.719	11.993
AS3472-225	2.250	2.347-2.372	.046-.052	.133-.141	.531-.719	12.368
AS3472-231	2.312	2.413-2.438	.046-.052	.133-.141	.531-.719	12.761
AS3472-237	2.375	2.476-2.501	.046-.052	.133-.141	.531-.719	13.136
AS3472-243	2.437	2.543-2.568	.046-.052	.143-.151	.531-.719	14.459
AS3472-244	2.440	2.546-2.571	.046-.052	.143-.151	.531-.719	14.478
AS3472-250	2.500	2.606-2.631	.046-.052	.143-.151	.719-.907	14.649
AS3472-253	2.531	2.641-2.666	.046-.052	.143-.151	.719-.907	14.873
AS3472-256	2.562	2.673-2.698	.046-.052	.143-.151	.719-.907	15.078
AS3472-262	2.625	2.736-2.761	.046-.052	.143-.151	.719-.907	15.482
AS3472-267	2.677	2.789-2.814	.046-.052	.153-.161	.719-.907	16.860
AS3472-268	2.688	2.803-2.828	.046-.052	.153-.161	.719-.907	16.956
AS3472-275	2.750	2.865-2.890	.046-.052	.153-.161	.719-.907	17.380
AS3472-281	2.813	2.929-2.954	.046-.052	.153-.161	.719-.907	17.818
AS3472-283	2.834	2.954-2.979	.046-.052	.162-.172	.719-.907	19.060
AS3472-287	2.875	2.995-3.020	.046-.052	.162-.172	.719-.907	19.359
AS3472-293	2.937	3.058-3.083	.046-.052	.162-.172	.719-.907	19.818
AS3472-295	2.952	3.073-3.098	.046-.052	.162-.172	.719-.907	19.928
AS3472-300	3.000	3.122-3.147	.058-.064	.162-.172	.719-.907	25.114
AS3472-306	3.062	3.186-3.216	.058-.064	.162-.172	.719-.907	25.714
AS3472-312	3.125	3.251-3.281	.058-.064	.172-.182	.719-.907	27.787
AS3472-314	3.149	3.276-3.306	.058-.064	.172-.182	.875-1.125	27.710
AS3472-318	3.187	3.311-3.341	.058-.064	.172-.182	.875-1.125	28.045
AS3472-325	3.250	3.379-3.409	.058-.064	.172-.182	.875-1.125	28.697
AS3472-331	3.312	3.446-3.476	.058-.064	.182-.192	.875-1.125	30.861
AS3472-334	3.346	3.479-3.509	.058-.064	.182-.192	.875-1.125	31.196
AS3472-337	3.375	3.509-3.539	.058-.064	.182-.192	.875-1.125	31.500
AS3472-343	3.437	3.574-3.604	.058-.064	.182-.192	.875-1.125	32.158
AS3472-350	3.500	3.636-3.666	.058-.064	.182-.192	.875-1.125	32.786
AS3472-354	3.543	3.684-3.714	.058-.064	.192-.202	.875-1.125	34.983
AS3472-356	3.562	3.703-3.733	.058-.064	.192-.202	.875-1.125	35.186



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