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REV.
E

AS9555™

RATIONALE

UPDATE TO ASME Y14.5-2018. REVISE LEAD CHAMFER TO AS1132. REVISE LIGHTENING HOLE CONFIGURATION TO AS1132). REVISE FILLET RADIUS TO "CR." ADD "COMPOSITION SIMILAR TO" TO NOTE 2.

NOTICE

THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S. MILITARY STANDARD MS9555C. THIS SAE STANDARD MAY RETAIN THE SAME PART NUMBERS ESTABLISHED BY THE ORIGINAL MILITARY DOCUMENT.

ANY REQUIREMENTS ASSOCIATED WITH QUALIFIED PRODUCTS LISTS (QPL'S) MAY CONTINUE TO BE MANDATORY FOR DoD CONTRACTS. REQUIREMENTS RELATING TO QPL'S HAVE NOT BEEN ADOPTED BY THE SAE FOR THIS STANDARD AND ARE NOT PART OF THIS SAE DOCUMENT.

FEDERAL SUPPLY CLASS
5305

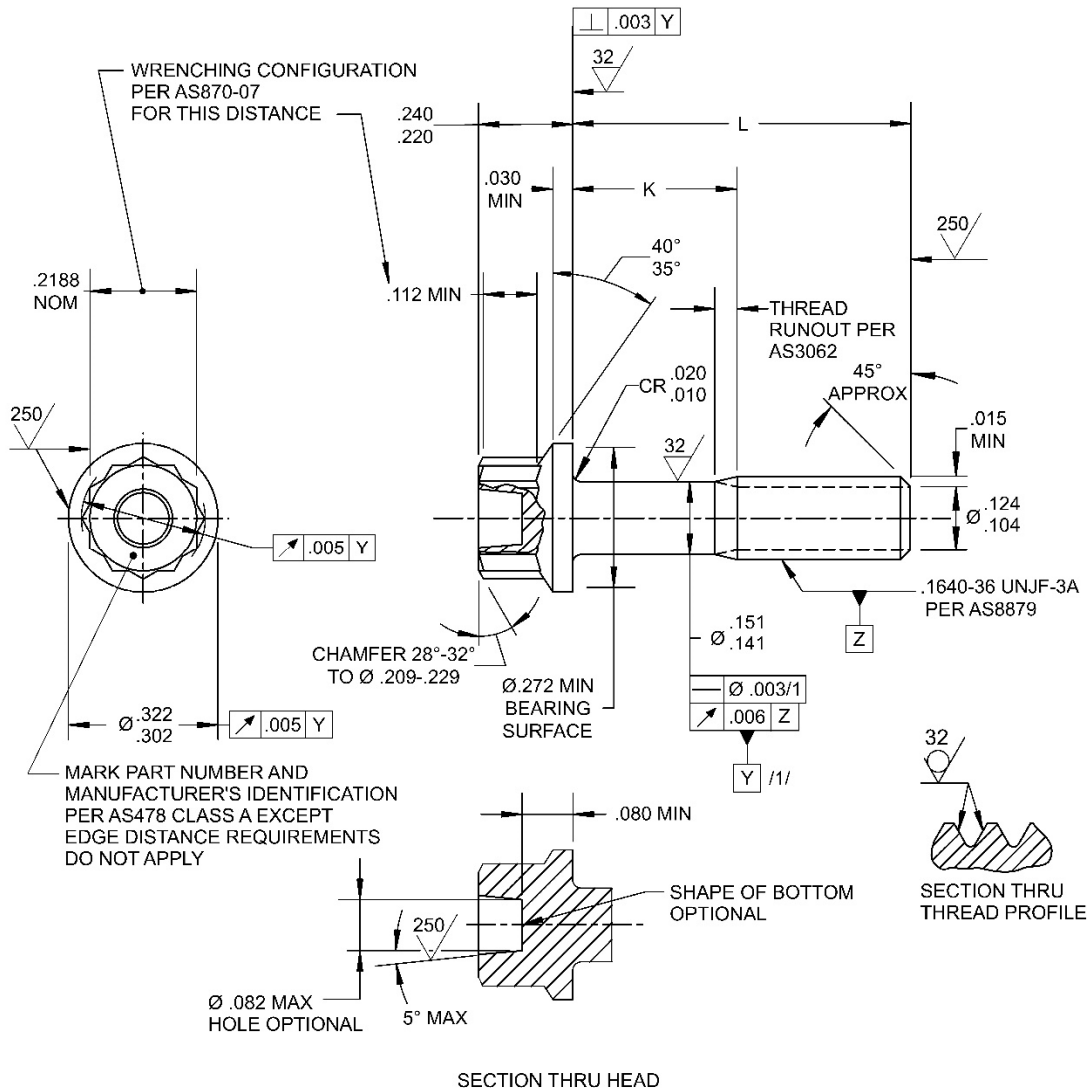
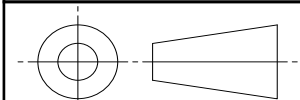


FIGURE 1 - SCREW

For more information on this standard, visit
<https://www.sae.org/standards/content/AS9555E/>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7477 /3/



AEROSPACE STANDARD

SCREW, MACHINE - DOUBLE HEXAGON EXTENDED WASHER HEAD, CORROSION AND HEAT RESISTANT STEEL, UNS S66286, UTS 130 KSI MIN, .1640-36 UNJF-3A

AS9555™
SHEET 1 OF 2

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Documents

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TABLE 1 - PART NUMBERS, DIMENSIONS L AND K, AND APPROX MASS

PART NUMBER	L	K	APPROX MASS LB/100	PART NUMBER	L	K	APPROX MASS LB/100
MS9555-02	.240- .260	.062-.082	.420	MS9555-17	1.178-1.198	.550- .610	.878
MS9555-03	.302- .322	.062-.082	.451	MS9555-18	1.240-1.260	.612- .672	.908
MS9555-04	.365- .385	.062-.082	.482	MS9555-19	1.302-1.322	.674- .734	.938
MS9555-05	.428- .448	.062-.082	.513	MS9555-20	1.365-1.385	.737- .797	.969
MS9555-06	.490- .510	.062-.082	.543	MS9555-21	1.428-1.448	.800- .860	.999
MS9555-07	.552- .572	.062-.082	.573	MS9555-22	1.490-1.510	.862- .922	1.029
MS9555-08	.615- .635	.062-.082	.604	MS9555-23	1.552-1.572	.924- .984	1.060
MS9555-09	.678- .698	.062-.110	.634	MS9555-24	1.615-1.635	.987-1.047	1.090
MS9555-10	.740- .760	.112-.172	.664	MS9555-25	1.678-1.698	1.050 -1.110	1.121
MS9555-11	.802- .822	.174-.234	.695	MS9555-26	1.740-1.760	1.112 -1.172	1.151
MS9555-12	.865- .885	.237-.297	.725	MS9555-29	1.802-1.822	1.174 -1.234	1.182
MS9555-13	.928- .948	.300-.360	.756	MS9555-27	1.865-1.885	1.237 -1.297	1.212
MS9555-14	.990-1.010	.362-.422	.786	MS9555-30	1.928-1.948	1.300 -1.360	1.243
MS9555-15	1.052-1.072	.424-.484	.816	MS9555-28	1.990-2.010	1.362 -1.422	1.273
MS9555-16	1.115-1.135	.487-.547	.847				

NOTE: PART NUMBERS MS9555-29 AND MS9555-30 ARE LISTED OUT OF PART NUMBER ORDER. THEY ARE LISTED IN ORDER BY LENGTH (DIM L).

NOTES:

- /1/ FOR PART NUMBERS MS9555-02 THROUGH MS9555-12, DATUM **Z** (THREAD PD) SHALL REPLACE DATUM **Y**.
2. MATERIAL: CORROSION AND HEAT RESISTANT STEEL PER AMS5731 (COMPOSITION SIMILAR TO UNS S66286).
- /3/ PROCUREMENT SPECIFICATION: AS7477 EXCEPT COLD ROLLING OF HEAD TO SHANK FILLET RADIUS IS NOT REQUIRED ON PART NUMBERS MS9555-02 THROUGH MS9555-11.
4. FLUORESCENT PENETRANT INSPECTION PER ASTM E1417/E1417M, TYPE 1, SENSITIVITY LEVEL 2 MIN.
5. SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M. REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES Ra.
6. BREAK EDGES .003 TO .015, UNLESS OTHERWISE SPECIFIED.
7. DIMENSIONING AND TOLERANCING PER ASME Y14.5-2018.
8. UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
9. DIMENSIONS ARE IN INCHES.
10. DO NOT USE UNASSIGNED PART NUMBERS.
11. REVISION INDICATOR: A CHANGE BAR (I) LOCATED IN THE LEFT MARGIN IS FOR THE CONVENIENCE OF THE USER IN LOCATING AREAS WHERE TECHNICAL REVISIONS, NOT EDITORIAL CHANGES, HAVE BEEN MADE TO THE PREVIOUS ISSUE OF THIS DOCUMENT. AN (R) SYMBOL TO THE LEFT OF THE DOCUMENT TITLE INDICATES A COMPLETE REVISION OF THE DOCUMENT, INCLUDING TECHNICAL REVISIONS. CHANGE BARS AND (R) ARE NOT USED IN ORIGINAL PUBLICATIONS, NOR IN DOCUMENTS THAT CONTAIN EDITORIAL CHANGES ONLY.

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	AEROSPACE STANDARD	AS9555™ SHEET 2 OF 3	REV. F
	SCREW, MACHINE - DOUBLE HEXAGON EXTENDED WASHER HEAD, CORROSION AND HEAT RESISTANT STEEL, UNS S66286, UTS 130 KSI MIN, .1640-36 UNJF-3A		



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