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REV.
F

AS9554™

FEDERAL SUPPLY CLASS
5305

RATIONALE

UPDATE TO ASME Y14.5-2018. REVISE LEAD THREAD CHAMFER TO AS1132. REVISE LIGHTENING HOLE CONFIGURATION TO AS1132. REVISE UNDER HEAD FILLET TO "CR," UPDATE UNS CALLOUT IN NOTE 2.

NOTICE

THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S. MILITARY STANDARD MS9554D, AMENDMENT 1. 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 SAE FOR THIS STANDARD AND ARE NOT PART OF THIS SAE DOCUMENT.

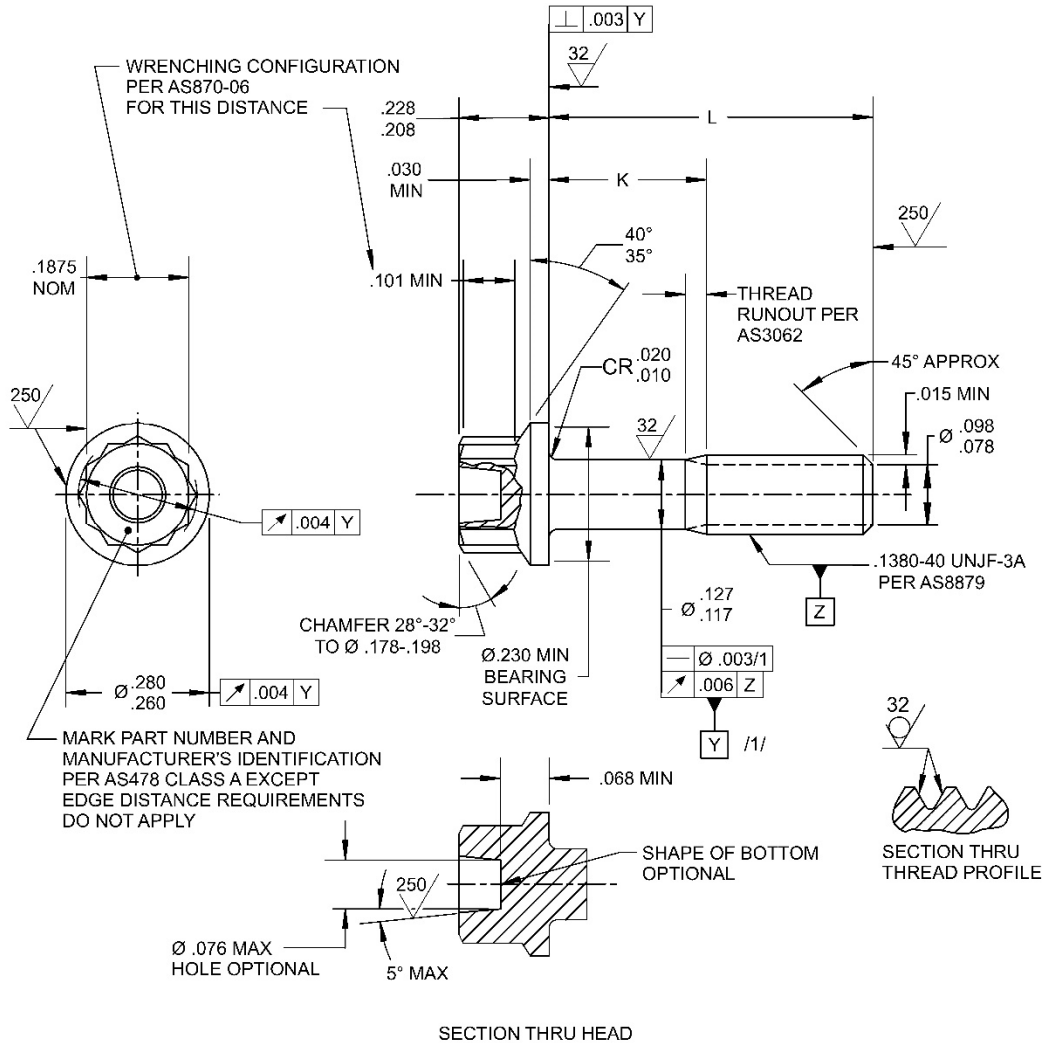


FIGURE 1 - SCREW

For more information on this standard, visit
<https://www.sae.org/standards/content/AS9554F>

CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7477 /3/



AEROSPACE STANDARD

SCREW, MACHINE - DOUBLE HEXAGON EXTENDED WASHER HEAD, CORROSION- AND HEAT-RESISTANT STEEL, UNS S66286, 130 KSI MIN, .1380-40 UNJF-3A

AS9554™
SHEET 1 OF 2

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Documents

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

PART NUMBER	L	K	APPROX MASS LB/100	PART NUMBER	L	K	APPROX MASS LB/100
MS9554-02	.240-.260	.058-.078	.297	MS9554-17	1.178-1.198	.602-.662	.627
MS9554-03	.302-.322	.058-.078	.318	MS9554-18	1.240-1.260	.664-.724	.649
MS9554-04	.365-.385	.058-.078	.340	MS9554-19	1.302-1.322	.726-.786	.671
MS9554-05	.428-.448	.058-.078	.363	MS9554-20	1.365-1.385	.789-.849	.693
MS9554-06	.490-.510	.058-.078	.386	MS9554-21	1.428-1.448	.852-.912	.715
MS9554-07	.552-.572	.058-.078	.406	MS9554-22	1.490-1.510	.914-.974	.737
MS9554-08	.615-.635	.058-.099	.429	MS9554-23	1.552-1.572	.976-1.036	.759
MS9554-09	.678-.698	.102-.162	.451	MS9554-24	1.615-1.635	1.039-1.099	.781
MS9554-10	.740-.760	.164-.224	.473	MS9554-25	1.678-1.698	1.102-1.162	.803
MS9554-11	.802-.822	.226-.286	.495	MS9554-26	1.740-1.760	1.164-1.224	.825
MS9554-12	.865-.885	.289-.349	.517	MS9554-27	1.802-1.822	1.226-1.286	.847
MS9554-13	.928-.948	.353-.412	.539	MS9554-28	1.865-1.885	1.289-1.349	.869
MS9554-14	.990-1.010	.414-.474	.561	MS9554-29	1.928-1.948	1.352-1.412	.891
MS9554-15	1.052-1.072	.476-.536	.583	MS9554-30	1.990-2.010	1.414-1.474	.913
MS9554-16	1.115-1.135	.539-.599	.605				

NOTES:

- /1/ FOR PART NUMBERS MS9554-02 THROUGH MS9554-10, 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 MS9554-02 THROUGH MS9554-10.
4. FLUORESCENT PENETRANT INSPECTION PER ASTM E1417/E1417M, TYPE 1, SENSITIVITY LEVEL 2 MINIMUM.
5. SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M. REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICRONS Ra.
6. BREAK EDGES .003 TO .015, UNLESS OTHERWISE SPECIFIED.
7. DIMENSIONING AND TOLERANCING: 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. ALL DIMENSIONS ARE IN INCHES, UNLESS OTHERWISE SPECIFIED.
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	AS9554™ SHEET 2 OF 2 	REV. F
	SCREW, MACHINE - DOUBLE HEXAGON EXTENDED WASHER HEAD, CORROSION- AND HEAT-RESISTANT STEEL, UNS S66286, 130 KSI MIN, .1380-40 UNJF-3A		

