

NOTICE OF
CANCELLATION

INCH-POUND

MS24399F
NOTICE 2
21 January 2009
SUPERSEDING
NOTICE 1
28 September 1999

MILITARY STANDARD

REDUCER, TUBE, PRECISION TYPE

MS24399F, dated 20 July 1984, is hereby canceled. Future acquisitions for this item should refer to SAE-AS5174, "Fitting, Union and Reducer, Flared".

(Copies of these documents are available online at <http://www.sae.org> or from the SAE World Headquarters, 400 Commonwealth Drive, Warrendale, PA 15096-0001.)

Reason for NOTICE 2: SAE inactivated Part or Identifying Number (PIN) with material code letter D for replacement parts and for new design to use code letter W. This is because code letter W is stronger in tensile strength than code letter D. This is based on the previous PA's revision, as a result of lessons learned. Plus to add back material code letter S for replacement parts and for new design to use code letter R. The code letter R is better for applications requiring higher temperature.

Table I provides a detailed cross-reference of cancelled MS24399F PINs and replacement SAE-AS5174 PINs.

CAUTION: The supersession information is valid as of the date of this notice and may be superseded by subsequent revisions of the superseding document.

CONCLUDING MATERIAL

Custodians:

Army - AV
Navy - AS
Air Force - 99
DLA - CC

Preparing activity:

DLA - CC

(Project 4730-2008-085)

Review activities:

Army - AR
Navy - CG, MC, SA, SH
Air Force - 71

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <http://assist.daps.dla.mil>.

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TABLE I. MS24399F to SAE-AS5174, cross-reference data.

Cancelled MS PIN	Tube Size	Replacement AS PIN	Cancelled MS PIN	Tube Size	Replacement AS PIN
MS24399-1	.188	AS5174-0302	MS24399-6	.375	AS5174-0603
MS24399D1	.188	AS5174D0302 <u>1/</u>	MS24399D6	.375	AS5174D0603 <u>1/</u>
MS24399D1	.188	AS5174W0302 <u>2/</u>	MS24399D6	.375	AS5174W0603 <u>2/</u>
MS24399J1	.188	AS5174J0302	MS24399J6	.375	AS5174J0603
MS24399K1	.188	AS5174K0302	MS24399K6	.375	AS5174K0603
MS24399S1	.188	AS5174S0302 <u>3/</u>	MS24399S6	.375	AS5174S0603 <u>3/</u>
MS24399S1	.188	AS5174R0302 <u>4/</u>	MS24399S6	.375	AS5174R0603 <u>4/</u>
MS24399T1	.188	AS5174T0302	MS24399T6	.375	AS5174T0603
MS24399W1	.188	AS5174W0302	MS24399W6	.375	AS5174W0603
MS24399-2	.250	AS5174-0402	MS24399-7	.375	AS5174-0604
MS24399D2	.250	AS5174D0402 <u>1/</u>	MS24399D7	.375	AS5174D0604 <u>1/</u>
MS24399D2	.250	AS5174W0402 <u>2/</u>	MS24399D7	.375	AS5174W0604 <u>2/</u>
MS24399J2	.250	AS5174J0402	MS24399J7	.375	AS5174J0604
MS24399K2	.250	AS5174K0402	MS24399K7	.375	AS5174K0604
MS24399S2	.250	AS5174S0402 <u>3/</u>	MS24399S7	.375	AS5174S0604 <u>3/</u>
MS24399S2	.250	AS5174R0402 <u>4/</u>	MS24399S7	.375	AS5174R0604 <u>4/</u>
MS24399T2	.250	AS5174T0402	MS24399T7	.375	AS5174T0604
MS24399W2	.250	AS5174W0402	MS24399W7	.375	AS5174W0604
MS24399-3	.250	AS5174-0403	MS24399-8	.375	AS5174-0605
MS24399D3	.250	AS5174D0403 <u>1/</u>	MS24399D8	.375	AS5174D0605 <u>1/</u>
MS24399D3	.250	AS5174W0403 <u>2/</u>	MS24399D8	.375	AS5174W0605 <u>2/</u>
MS24399J3	.250	AS5174J0403	MS24399J8	.375	AS5174J0605
MS24399K3	.250	AS5174K0403	MS24399K8	.375	AS5174K0605
MS24399S3	.250	AS5174S0403 <u>3/</u>	MS24399S8	.375	AS5174S0605 <u>3/</u>
MS24399S3	.250	AS5174R0403 <u>4/</u>	MS24399S8	.375	AS5174R0605 <u>4/</u>
MS24399T3	.250	AS5174T0403	MS24399T8	.375	AS5174T0605
MS24399W3	.250	AS5174W0403	MS24399W8	.375	AS5174W0605
MS24399-4	.312	AS5174-0504	MS24399-9	.500	AS5174-0802
MS24399D4	.312	AS5174D0504 <u>1/</u>	MS24399D9	.500	AS5174D0802 <u>1/</u>
MS24399D4	.312	AS5174W0504 <u>2/</u>	MS24399D9	.500	AS5174W0802 <u>2/</u>
MS24399J4	.312	AS5174J0504	MS24399J9	.500	AS5174J0802
MS24399K4	.312	AS5174K0504	MS24399K9	.500	AS5174K0802
MS24399S4	.312	AS5174S0504 <u>3/</u>	MS24399S9	.500	AS5174S0802 <u>3/</u>
MS24399S4	.312	AS5174R0504 <u>4/</u>	MS24399S9	.500	AS5174R0802 <u>4/</u>
MS24399T4	.312	AS5174W0504	MS24399W9	.500	AS5174T0802
MS24399W4	.312	AS5174W0504	MS24399W9	.500	AS5174W0802
MS24399-5	.375	AS5174-0602	MS24399-10	.500	AS5174-0803
MS24399D5	.375	AS5174D0602 <u>1/</u>	MS24399D10	.500	AS5174D0803 <u>1/</u>
MS24399D5	.375	AS5174W0602 <u>2/</u>	MS24399D10	.500	AS5174W0803 <u>2/</u>
MS24399J5	.375	AS5174J0602	MS24399J10	.500	AS5174J0803
MS24399K5	.375	AS5174K0602	MS24399K10	.500	AS5174K0803
MS24399S5	.375	AS5174S0602 <u>3/</u>	MS24399S10	.500	AS5174S0803 <u>3/</u>
MS24399S5	.375	AS5174R0602 <u>4/</u>	MS24399S10	.500	AS5174R0803 <u>4/</u>
MS24399T5	.375	AS5174T0602	MS24399T10	.500	AS5174T0803
MS24399W5	.375	AS5174W0602	MS24399W10	.500	AS5174W0803

See notes at end at tables

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TABLE I. MS24399F to SAE-AS5174, cross-reference data – Continued.

Cancelled MS PIN	Tube Size	Replacement AS PIN	Cancelled MS PIN	Tube Size	Replacement AS PIN
MS24399-11	.500	AS5174-0804	MS24399-16	.625	AS5174-1008
MS24399D11	.500	AS5174D0804 <u>1/</u>	MS24399D16	.625	AS5174D1008 <u>1/</u>
MS24399D11	.500	AS5174W0804 <u>2/</u>	MS24399D16	.625	AS5174W1008 <u>2/</u>
MS24399J11	.500	AS5174J0804	MS24399J16	.625	AS5174J1008
MS24399K11	.500	AS5174K0804	MS24399K16	.625	AS5174K1008
MS24399S11	.500	AS5174S0804 <u>3/</u>	MS24399S16	.625	AS5174S1008 <u>3/</u>
MS24399S11	.500	AS5174R0804 <u>4/</u>	MS24399S16	.625	AS5174R1008 <u>4/</u>
MS24399T11	.500	AS5174T0804	MS24399T16	.625	AS5174T1008
MS24399W11	.500	AS5174W0804	MS24399W16	.625	AS5174W1008
MS24399-12	.500	AS5174-0805	MS24399-17	.750	AS5174-1204
MS24399D12	.500	AS5174D0805 <u>1/</u>	MS24399D17	.750	AS5174D1204 <u>1/</u>
MS24399D12	.500	AS5174W0805 <u>2/</u>	MS24399D17	.750	AS5174W1204 <u>2/</u>
MS24399J12	.500	AS5174J0805	MS24399J17	.750	AS5174J1204
MS24399K12	.500	AS5174K0805	MS24399K17	.750	AS5174K1204
MS24399S12	.500	AS5174S0805 <u>3/</u>	MS24399S17	.750	AS5174S1204 <u>3/</u>
MS24399S12	.500	AS5174R0805 <u>4/</u>	MS24399S17	.750	AS5174R1204 <u>4/</u>
MS24399T12	.500	AS5174T0805	MS24399T17	.750	AS5174T1204
MS24399W12	.500	AS5174W0805	MS24399W17	.750	AS5174W1204
MS24399-13	.500	AS5174-0806	MS24399-18	.750	AS5174-1205
MS24399D13	.500	AS5174D0806 <u>1/</u>	MS24399D18	.750	AS5174D1205 <u>1/</u>
MS24399D13	.500	AS5174W0806 <u>2/</u>	MS24399D18	.750	AS5174W1205 <u>2/</u>
MS24399J13	.500	AS5174J0806	MS24399J18	.750	AS5174J1205
MS24399K13	.500	AS5174K0806	MS24399K18	.750	AS5174K1205
MS24399S13	.500	AS5174S0806 <u>3/</u>	MS24399S18	.750	AS5174S1205 <u>3/</u>
MS24399S13	.500	AS5174R0806 <u>4/</u>	MS24399S18	.750	AS5174R1205 <u>4/</u>
MS24399T13	.500	AS5174T0806	MS24399T18	.750	AS5174T1205
MS24399W13	.500	AS5174W0806	MS24399W1	.750	AS5174W1205
MS24399-14	.625	AS5174-1004	MS24399-19	.750	AS5174-1206
MS24399D14	.625	AS5174D1004 <u>1/</u>	MS24399D19	.750	AS5174D1206 <u>1/</u>
MS24399D14	.625	AS5174W1004 <u>2/</u>	MS24399D19	.750	AS5174W1206 <u>2/</u>
MS24399J14	.625	AS5174J1004	MS24399J19	.750	AS5174J1206
MS24399K14	.625	AS5174K1004	MS24399K19	.750	AS5174K1206
MS24399S14	.625	AS5174S1004 <u>3/</u>	MS24399S19	.750	AS5174S1206 <u>3/</u>
MS24399S14	.625	AS5174R1004 <u>4/</u>	MS24399S19	.750	AS5174R1206 <u>4/</u>
MS24399T14	.625	AS5174T1004	MS24399T19	.750	AS5174T1206
MS24399W14	.625	AS5174W1004	MS24399W19	.750	AS5174W1206
MS24399-15	.625	AS5174-1006	MS24399-20	.750	AS5174-1208
MS24399D15	.625	AS5174D1006 <u>1/</u>	MS24399D20	.750	AS5174D1208 <u>1/</u>
MS24399D15	.625	AS5174W1006 <u>2/</u>	MS24399D20	.750	AS5174W1208 <u>2/</u>
MS24399J15	.625	AS5174J1006	MS24399J20	.750	AS5174J1208
MS24399K15	.625	AS5174K1006	MS24399K20	.750	AS5174K1208
MS24399S15	.625	AS5174S1006 <u>3/</u>	MS24399S20	.750	AS5174S1208 <u>3/</u>
MS24399S15	.625	AS5174R1006 <u>4/</u>	MS24399S20	.750	AS5174R1208 <u>4/</u>
MS24399T15	.625	AS5174T1006	MS24399T20	.750	AS5174T1208
MS24399W15	.625	AS5174W1006	MS24399W20	.750	AS5174W1208

See notes at end at tables

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TABLE I. MS24399 to SAE-AS5174, cross-reference data – Continued.

Cancelled MS PIN	Tube Size	Replacement AS PIN		Cancelled MS PIN	Tube Size	Replacement AS PIN	
MS24399-21	.750	AS5174-1210		MS24399-26	1.250	AS5174-2012	
MS24399D21	.750	AS5174D1210	<u>1/</u>	MS24399D26	1.250	AS5174D2012	<u>1/</u>
MS24399D21	.750	AS5174W1210	<u>2/</u>	MS24399D26	1.250	AS5174W2012	<u>2/</u>
MS24399J21	.750	AS5174J1210		MS24399J26	1.250	AS5174J2012	
MS24399K21	.750	AS5174K1210		MS24399K26	1.250	AS5174K2012	
MS24399S21	.750	AS5174S1210	<u>3/</u>	MS24399S26	1.250	AS5174S2012	<u>3/</u>
MS24399S21	.750	AS5174R1210	<u>4/</u>	MS24399R26	1.250	AS5174R2012	<u>4/</u>
MS24399T21	.750	AS5174T1210		MS24399T26	1.250	AS5174T2012	
MS24399W21	.750	AS5174W1210		MS24399W26	1.250	AS5174W2012	
MS24399-22	1.000	AS5174-1604		MS24399-27	1.250	AS5174-2016	
MS24399D22	1.000	AS5174D1604	<u>1/</u>	MS24399D27	1.250	AS5174D2016	<u>1/</u>
MS24399D22	1.000	AS5174W1604	<u>2/</u>	MS24399D27	1.250	AS5174W2016	<u>2/</u>
MS24399J22	1.000	AS5174J1604		MS24399J27	1.250	AS5174J2016	
MS24399K22	1.000	AS5174K1604		MS24399K27	1.250	AS5174K2016	
MS24399S22	1.000	AS5174S1604	<u>3/</u>	MS24399S27	1.250	AS5174S2016	<u>3/</u>
MS24399S22	1.000	AS5174R1604	<u>4/</u>	MS24399R27	1.250	AS5174R2016	<u>4/</u>
MS24399T22	1.000	AS5174T1604		MS24399T27	1.250	AS5174T2016	
MS24399W22	1.000	AS5174W1604		MS24399W27	1.250	AS5174W2016	
MS24399-23	1.000	AS5174-1610		MS24399-28	1.500	AS5174-2416	
MS24399D23	1.000	AS5174D1610	<u>1/</u>	MS24399D28	1.500	AS5174D2416	<u>1/</u>
MS24399D23	1.000	AS5174W1610	<u>2/</u>	MS24399D28	1.500	AS5174W2416	<u>2/</u>
MS24399J23	1.000	AS5174J1610		MS24399J28	1.500	AS5174J2416	
MS24399K23	1.000	AS5174K1610		MS24399K28	1.500	AS5174K2416	
MS24399S23	1.000	AS5174S1610	<u>3/</u>	MS24399S28	1.500	AS5174S2416	<u>3/</u>
MS24399S23	1.000	AS5174R1610	<u>4/</u>	MS24399S28	1.500	AS5174R2416	<u>4/</u>
MS24399T23	1.000	AS5174T1610		MS24399T28	1.500	AS5174T2416	
MS24399W23	1.000	AS5174W1610		MS24399W28	1.500	AS5174W2416	
MS24399-24	1.000	AS5174-1612		MS24399-29	1.500	AS5174-2420	
MS24399D24	1.000	AS5174D1612	<u>1/</u>	MS24399D29	1.500	AS5174D2420	<u>1/</u>
MS24399D24	1.000	AS5174W1612	<u>2/</u>	MS24399D29	1.500	AS5174W2420	<u>2/</u>
MS24399J24	1.000	AS5174J1612		MS24399J29	1.500	AS5174J2420	
MS24399K24	1.000	AS5174K1612		MS24399K29	1.500	AS5174K2420	
MS24399S24	1.000	AS5174S1612	<u>3/</u>	MS24399S29	1.500	AS5174S2420	<u>3/</u>
MS24399S24	1.000	AS5174R1612	<u>4/</u>	MS24399S29	1.500	AS5174R2420	<u>4/</u>
MS24399T24	1.000	AS5174T1612		MS24399T29	1.500	AS5174T2420	
MS24399W24	1.000	AS5174W1612		MS24399W29	1.500	AS5174W2420	
MS24399-25	1.250	AS5174-2004		MS24399-30	1.000	AS5174-1608	
MS24399D25	1.250	AS5174D2004	<u>1/</u>	MS24399D30	1.000	AS5174D1608	<u>1/</u>
MS24399D25	1.250	AS5174W2004	<u>2/</u>	MS24399D30	1.000	AS5174W1608	<u>2/</u>
MS24399J25	1.250	AS5174J2004		MS24399J30	1.000	AS5174J1608	
MS24399K25	1.250	AS5174K2004		MS24399K30	1.000	AS5174K1608	
MS24399S25	1.250	AS5174S2004	<u>3/</u>	MS24399S30	1.000	AS5174S1608	<u>3/</u>
MS24399S24	1.000	AS5174R1612	<u>4/</u>	MS24399S29	1.500	AS5174R2420	<u>4/</u>
MS24399T25	1.250	AS5174T2004		MS24399T30	1.000	AS5174T1608	
MS24399W25	1.250	AS5174W2004		MS24399W30	1.000	AS5174W1608	

1/ For replacements parts, use code letter "D". Reason: SAE G3 and DoD/SAE liaisons agreed to use code "D" for replacement PINs.

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TABLE I. MS24399 to SAE-AS5174, cross-reference data – Continued.

- 2/ For new design parts use code letter “W” . Reason: SAE G3 and DoD/SAE liaisons agreed to use code “W” for new design.
- 3/ For replacement parts use code letter “S”. Reason: SAE G3 and DoD/ SAE liaisons agreed to use code “D” for replacement PINs.
- 4/ For new design parts use code letter “R”. Reason: SAE G3 and DoD/-SAE liaisons agreed to use code “R” for new design.