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QUALIFICATIONS HAVE BEEN VALIDATED  
(Frequency: See specification)  
BY TEST DATA

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QPL-AS23190-3  
31 March 2006  
SUPERSEDING  
QPL-AS23190-2  
15 September 2004

QUALIFIED PRODUCTS LIST  
OF  
PRODUCTS QUALIFIED UNDER SAE AEROSPACE STANDARD  
AS23190  
STRAPS, CLAMPS, AND MOUNTING HARDWARE, PLASTIC  
AND METAL FOR CABLE HARNESS TYING AND SUPPORT

This list has been prepared for use by or for the Government in the acquisition of products covered by the subject non-Government standard and such listing of a product is not intended to and does not connote endorsement of the product by the Department of Defense. All products listed herein have been qualified under the requirements for the product as specified in the latest adopted issue of the applicable non-Government standard. This list is subject to change without notice; revision or amendment of this list will be issued as necessary. The listing of a product does not release the manufacturer from compliance with the non-Government standard requirements.

THE ACTIVITY RESPONSIBLE FOR THIS QUALIFIED PRODUCTS LIST IS THE NAVAL AIR SYSTEMS COMMAND (COMMANDER, NAVAL AIR WARFARE CENTER AIRCRAFT DIVISION, HIGHWAY 547, CODE 491000B120-3, LAKEHURST, NJ 08733-5100). THE ACTIVITY RESPONSIBLE FOR QUALIFICATION APPROVAL IS THE NAVAL AIR SYSTEMS COMMAND, CODE 4.4.4.3, 22229 ELMER ROAD, BUILDING 2360, PATUXENT RIVER, MD 20670-1900.

MANUFACTURER'S FULL NAME, CAGE CODE, OFFICE AND PLANT ADDRESSES ARE LISTED AT THE END OF THIS QPL.

Note - For all part number listings on this QPL:

The asterisk will be replaced by the color designation, except the -0 (Black) which will be qualified and listed separately. Only straps in natural and black colors are stocked by the Government.

PREVIOUS GOVERNMENT DESIGNATION AND NON-GOVERNMENT STANDARD BODIES DESIGNATION	MANUFACTURER'S DESIGNATION	MANUFACTURER'S NAME AND QUALIFICATION TEST REFERENCE
TYPE I, CLASS 1		
SAE-AS33671, STRAP, TIEDOWN, ELECTRICAL COMPONENTS, ADJUSTABLE, SELF- CLINCHING, PLASTIC, TYPE I, CLASS 1.		
MS3367-1-0	AP(R,L)-07-50-0	Advanced Cable Ties, Inc.
-2-0	AP(R,L)-14-50-0	
-3-0	AP(R,L)-14-120-0	02628801.AD/7-25-03
-4-0	AP(R,L)-04-18-0	
-5-0	AP(R,L)-05-40-0	
-7-0	AP(R,L)-11-50-0	
-8-0	AP(R,L)-24-175-0	
-9-0	AP(R,L)-24-175-0	
-10-0	AP(R,L)-24-175-0	
-11-0	AP(R,L)-33-175-0	
-12-0	AP(R,L)-33-175-0	
-13-0	AP(R,L)-36-175-0	
-14-0	AP(R,L)-48-175-0	
-15-0	AP(R,L)-48-175-0	
-16-0	AP(R,L)-48-175-0	
-23-0	AP(R,L)-07-50-LP-0	
MS3367-1-*	AP(R,L)-07-50-*	
-2-*	AP(R,L)-14-50-*	
-3-*	AP(R,L)-14-120-*	
-4-*	AP(R,L)-04-18-*	
-5-*	AP(R,L)-05-40-*	
-7-*	AP(R,L)-11-50-*	
-8-*	AP(R,L)-24-175-*	

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PREVIOUS GOVERNMENT DESIGNATION AND NON-GOVERNMENT STANDARD BODIES DESIGNATION	MANUFACTURER'S DESIGNATION	MANUFACTURER'S NAME AND QUALIFICATION TEST REFERENCE
MS3367-9-*	AP(R,L)-24-175-*	Advanced Cable Ties, Inc. (Continued)
-10-*	AP(R,L)-24-175-*	
-11-*	AP(R,L)-33-175-*	02628801.AD/7-25-03
-12-*	AP(R,L)-33-175-*	
-13-*	AP(R,L)-36-175-*	
-14-*	AP(R,L)-48-175-*	
-15-*	AP(R,L)-48-175-*	
-16-*	AP(R,L)-48-175-*	
-23-*	AP(R,L)-07-50-LP-*	
MS3367-1-0	RT-675-UV	All-States, Inc.
-2-0	RT-1400-UV	02600901.AC/7-31-03
-3-0	RTH-1400-UV	
-4-0	RT-304-UV or RT-350-UV	
-5-0	RT-550-UV	
-6-0	RTH-2800-UV	
-7-0	RT-1100-UV	
MS3367-1-*	RT-675-*	
-2-*	RT-1400-*	
-3-*	RTH-1400-*	
-4-*	RT-304-* or RT-350-*	
-5-*	RT-550-*	
-6-*	RTH-2800-*	
-7-*	RT-1100-*	
MS3367-1-0	08388 or 08437 or 1003 or 1005	Avery Dennison
-2-0	08428 or 10008 or 10037 or 10345	02607501.AC/7-31-03
-3-0	08382 or 10039 or 10608 or 10614	
-4-0	08433 or 08435 or 10327 or 10330 or 10393 or 10396	
-5-0	08380 or 08384 or 08386 or 08431	
-6-0	10620	
-7-0	08286 or 08930	

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PREVIOUS GOVERNMENT DESIGNATION AND NON-GOVERNMENT STANDARD BODIES DESIGNATION	MANUFACTURER'S DESIGNATION	MANUFACTURER'S NAME AND QUALIFICATION TEST REFERENCE
MS3367-1-9	08387 or 08436 or 10001 or 10004	Avery Dennison
-2-9	08427 or 10006 or 10036 or 10344	(Continued)
-3-9	08378 or 10038 or 10606 or 10612	
-4-9	08432 or 08434 or 10325 or 10328 or 10391 or 10394	02607501.AC/7-31-03
-5-9	08376 or 08377 or 08383 or 08385	
-6-9	10618	
-7-9	08600 or 08859	
MS3367-4-1	08585	
-4-2	08508	
-4-3	08582	
-4-4	08583	
-4-5	08584	
-4-6	08587	
-4-7	08586	
-4-8	08465	
MS3367-5-1	08760	
-5-2	08690	
-5-3	08780	
-5-4	08782	
-5-5	08664	
-5-6	08671	
-5-7	08680	
-5-8	10019	
MS3367-1-0	5315	Elematic S.R.L.
-3-0	5327	
-5-0	5309	02634003.AB/12-29-98
MS3367-1-9	5215	
-3-9	5227	
-5-9	5209	

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PREVIOUS GOVERNMENT DESIGNATION AND NON-GOVERNMENT STANDARD BODIES DESIGNATION	MANUFACTURER'S DESIGNATION	MANUFACTURER'S NAME AND QUALIFICATION TEST REFERENCE
MS3367-1-0	7-50-UV or 8-50-UV or 8-75-UV	GB/Vision
-2-0	14-50-UV or 14-75-UV	
-3-0	12-175-UV or 14-175-UV	02632501.AB/7-31-03
-4-0	4-18-UV	
-5-0	6-30-UV or 6-45-UV	
-6-0	30-175-UV	
-7-0	11-50-UV or 11-75-UV	
MS3367-1-*	7-50-* or 8-50-* or 8-75-*	
-2-*	14-50-* or 14-75-*	
-3-*	12-175-* or 14-175-*	
-4-*	4-18-*	
-5-*	6-30-* or 6-45-*	
-6-*	30-175-*	
-7-*	11-50-* or 11-75-*	
MS3367-1-0	T50R-0	Hellermann Tyton Corp.
-2-0	T50L-0	
-3-0	T120R-0	02625901.AE/7-31-03
-4-0	T18R-0 or ATTIEOW	
-5-0	T30R-0 or QTTIEOW	
-6-0	T120L-0	
-7-0	T50I-0	
MS3367-1-*	T50R-*	
-2-*	T50L-*	
-3-*	T120R-*	
-4-*	T18R-* or T18S-*	
-5-*	T30R-*	
-6-*	T120L-*	
-7-*	T50I-*	
MS3367-1-0	LK2C-0 or T50R-0	
-3-0	LK4-0 or T120R-0	

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PREVIOUS GOVERNMENT DESIGNATION AND NON-GOVERNMENT STANDARD BODIES DESIGNATION	MANUFACTURER'S DESIGNATION	MANUFACTURER'S NAME AND QUALIFICATION TEST REFERENCE
MS3367-4-0	LK0X-0 or T18R-0	Hellermann Tyton Corp.
-5-0	LK0B-0 or T30XL-0 or T30R-0	(Continued)
-6-0	T120L-0	
-7-0	T50I-0	02625901.AE/7-31-03
MS3367-1-*	LK2C-* or T50R-*	
-3-*	LK4-* or T120R-*	
-4-*	LK0X-* or T18R-*	
-5-*	LK0A-* or T30XL-* or T30R-*	
-6-*	T120L-*	
-7-*	T50I-*	
MS3367-4-1	ATTIE 1	
-4-2	ATTIE 2	
-4-3	ATTIE 3	
-4-4	ATTIE 4	
-4-5	ATTIE 5	
-4-6	ATTIE 6	
-4-9	ATTIE 9 or QTTIE 9	
MS3367-1-0	PLT2S-00	Panduit Corp. (1)
-2-0	PLT4S-00	
-3-0	PLT4H-00	02617302.AB/ 1-31-03
-4-0	PLT1M-00	
-5-0	PLT1.5I-00	
-7-0	PLT3S-00	
MS3367-1-*	BT2S-* or PLT2S-*	
-2-*	BT4S-* or PLT4S-*	
-3-*	PLT4H-*	
-4-*	BT1M-* or PLT1M-*	
-5-*	BT1.5L-* or PLT1.5L-*	
-7-*	BT3S-* or PLT3S-*	

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PREVIOUS GOVERNMENT DESIGNATION AND NON-GOVERNMENT STANDARD BODIES DESIGNATION	MANUFACTURER'S DESIGNATION	MANUFACTURER'S NAME AND QUALIFICATION TEST REFERENCE
MS3367-1-9	BT2S or PLT2S	Panduit Corp. (1) (Continued)  02617302.AB/1-31-03
-2-9	BT4S or PLT4S	
-3-9	BT4LH or PLT4H	
-4-9	BT1M or PLT1M	
-5-9	BT1.5I or PLT1.5I	
-6-9	BT8LH or BT9LH or PLT8LH	
-7-9	BT3S or PLT3S	
MS3367-23-*	ILT2S-*	
-24-*	ILT4S-*	
-25-*	ILT4LH-*	
-26-*	ILT1M-*	
-27-*	ILT1.5I-*	
-29-*	ILT3S-*	
MS3367-23-9	ILT2S	
-24-9	ILT4S	
-25-9	ILT4LH	
-26-9	ILT1M	
-27-9	ILT1.5I	
-29-9	ILT3S	
MS3367-2-*	SST4S-*	Panduit Corp. (4)  02617302.AB/1-31-03
-4-*	PLT1M-*	
-5-*	PLT1.5I-*	
MS3367-1-9	PLT2S or SST2S	
-2-9	PLT4S or SST4S	
-3-9	PLT4H or SST4H	
-4-9	PLT7M or PLT1M or SST1M	
-5-9	PLT1.5I or SST1.5I	
-6-9	SST8H	
-7-9	PLT3S or SST3S	

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PREVIOUS GOVERNMENT DESIGNATION AND NON-GOVERNMENT STANDARD BODIES DESIGNATION	MANUFACTURER'S DESIGNATION	MANUFACTURER'S NAME AND QUALIFICATION TEST REFERENCE
MS3367-3-0	3.434	SapiSelco S.R.L.
-4-0	3.202	
-5-0	3.210	02635201.AA/10-11-99
-6-0	3.441	
MS3367-3-9	2.434	
-4-9	2.202	
-5-9	2.210	
-6-9	2.441	
MS3367-1-0	TY175-50-0	Thomas & Betts Corp.
-2-0	L-14-50-0 or TY400-50-0	(1), (2), (3)
-3-0	L-14-120-0 or TY400-120-0	
-4-0	L-4-18-0 or TY075-18-0	02623001.AG/8-31-03
-5-0	L-5-30-0 or TY125-40-0	
-6-0	L-28-120-0 or TY800-120-0	
-7-0	L-11-50-0 or TY300-50-0	
MS3367-1-*	TY175-50-*	
-2-*	L-14-50-* or TY400-50-*	
-3-*	L-14-120-* or TY400-120-*	
-4-*	L-4-18-* or TY075-18-*	
-5-*	L-5-30-* or TY125-40-*	
-6-*	L-28-120-* or TY800-120-*	
-7-*	L-11-50-* or TY300-50-*	
MS3367-1-0	TY25MX or TY525MX	Thomas & Betts Corp. (2)
-2-0	TY28MX or TY528MX	
-3-0	TY27M-0 or TY527M-0	02623001.AG/8-31-03
-4-0	TY23MX or TY523MX	
-5-0	TY24MX or TY524MX	
-6-0	TY29M-0 or TY529M-0	
MS3367-1-*	TY25M-* or TY525M-*	
-2-*	TY28M-* or TY528M-*	

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PREVIOUS GOVERNMENT DESIGNATION AND NON-GOVERNMENT STANDARD BODIES DESIGNATION	MANUFACTURER'S DESIGNATION	MANUFACTURER'S NAME AND QUALIFICATION TEST REFERENCE
MS3367-3-*	TY27M-* or TY527M-*	Thomas & Betts Corp. (2)
-4-*	TY23M-* or TY523M-*	(Continued)
-5-*	TY24M-* or TY524M-*	
-6-*	TY29M-* or TY529M-*	02623001.AG/8-31-03
MS3367-1-0	TY25MX or TY175-50-0 or TY525MX	Thomas & Betts Corp. (3)
-2-0	TY28MX or TY400-50-0 or TY528MX	02623001.AG/8-31-03
-3-0	TY27M-0 or TY400-120-0 or TY527M-0	
-4-0	TY23MX or TY100-18-0 or TY523MX	
-5-0	TY24MX or TY125-40-0 or TY524MX	
-6-0	TY29M-0 or TY529M-0	
-7-0	TY253MX or TY300-50-0 or TY5253MX	
MS3367-1-*	TY25M-* or TY175-50-* or TY525M-*	
-2-*	TY28M-* or TY400-50-* or TY528M-*	
-3-*	TY27M-* or TY400-120-* or TY527M-*	
-4-*	TY23M-* or TY100-18-* or TY523M-*	
-5-*	TY24M-* or TY125-40-* or TY524M-*	
-6-*	TY29M-* or TY529M-*	
-7-*	TY253M-* or TY300-50-* or TY5253M-*	

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PREVIOUS GOVERNMENT DESIGNATION AND NON-GOVERNMENT STANDARD BODIES DESIGNATION	MANUFACTURER'S DESIGNATION	MANUFACTURER'S NAME AND QUALIFICATION TEST REFERENCE
MS3367-2-0	TY28M-0 or TY28MX-0	Thomas & Betts Corp. (1)
MS3367-2-*	TY28M-* or TY28-MX-*	02605203.AA/2-1-02

TYPE II CLASS 1

SAE-AS33681, STRAP, TIEDOWN, ELECTRICAL COMPONENTS, IDENTIFICATION,  
ADJUSTABLE, SELF-CLINCHING, PLASTIC, TYPE II, CLASS 1.

MS3368-1-0A -2-0A -5-0E	RTID-675-UV RTID-1400-UV RTIDI-350-UV	All-States, Inc.  02600901.AC/7-31-03
MS3368-1-*A -2-*A -5-*E	RTID-675-* RTID-1400-* RTIDI-350-*	
MS3368-1-9A -5-9E	08413 or 08419 08412 or 08417	Avery Dennison  02607501.AC/7-31-03
MS3368-1-0A -2-0A -3-0C -4-0D -5-0E	IT50R-0 IT50L-0 IT50R/D-0 IT50R/T-0 IT18R-0	Hellermann Tyton Corp.  02625901.AE/7-31-03
MS3368-1-*A -2-*A -3-*C -4-*D -5-*E	IT50R-* IT50L-* IT50R/D-* IT50R/T-* IT18R-*	

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PREVIOUS GOVERNMENT DESIGNATION AND NON-GOVERNMENT STANDARD BODIES DESIGNATION	MANUFACTURER'S DESIGNATION	MANUFACTURER'S NAME AND QUALIFICATION TEST REFERENCE
MS3368-1-*A -2-*A -3-*C -4-*D -5-*E	PLM2S-* PLM4S-* PL2M2S-* PL3M2S-* PLMIM-*	Panduit Corp. (1)  02617302.AB/1-31-03
MS3368-1-9A -2-9A -3-9C -4-9D -5-9E	BMS2S or PLM2S BM4S or PLM4S B2M2S or PL2M2S B3M2S or PL3M2S BM1M or PLM1M	
MS3368-1-*A -1-*B -2-*A -2-*B -3-*C -4-*D -5-*E	PLM2S-* SSM2S-* PLM4S-* SSM4S-* PL2M2S-* PL3M2S-* PLM1M-*	Panduit Corp. (4)  02617302.AB/1-31-03
MS3368-1-9A -1-9B -2-9A -2-9B -3-9C -4-9D -5-9E	PLM2S SSM2S PLM4S SSM4S PL2M2S PL3M2S PLM1M	
MS3368-1-*A -2-*A -3-*C -4-*D -5-*E	TY-46M-* or TY546M-* TY-48M-* or TY548M-* TY-46MD-* or TY546M-* TY-46MT-* or TY546MT-* TY-51M-* or TY551M-*	Thomas & Betts Corp. (1)  02623003.AD/12-29-98

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PREVIOUS GOVERNMENT DESIGNATION AND NON-GOVERNMENT STANDARD BODIES DESIGNATION	MANUFACTURER'S DESIGNATION	MANUFACTURER'S NAME AND QUALIFICATION TEST REFERENCE
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TYPE III, CLASS 1

SAE-AS23190/1, STRAPS, CLAMPS, AND MOUNTING HARDWARE, PLASTIC FOR  
CABLE HARNESS TYING AND SUPPORT CLAMP, LOOP, NYLON,  
ADJUSTABLE WIRE SUPPORT, TYPE III, CLASS 1.

M23190/1-0	MNC-1001-0	Nylon Molding Corp.
-1	MNC-1001-1	
-2	MNC-1001-2	02616602.AC/7-31-03
-3	MNC-1001-3	
-4	MNC-1001-4	
-5	MNC-1001-5	
-6	MNC-1001-6	
-7	MNC-1001-7	

SAE-AS25281, CLAMP, LOOP, PLASTIC, WIRE SUPPORT.

MS25281-F2	NMC3650-F-2	Nylon Molding Corp.
-F3	NMC3650-F-3	
-F4	NMC3650-F-4	02616602.AC/7-31-03
-F5	NMC3650-F-5	
-F6	NMC3650-F-6	
-F7	NMC3650-F-7	
-F8	NMC3650-F-8	
-F9	NMC3650-F-9	
-F10	NMC3650-F-10	
-F11	NMC3650-F-11	
-F12	NMC3650-F-12	
-F13	NMC3650-F-13	
-F14	NMC3650-F-14	
-F15	NMC3650-F-15	
-F16	NMC3650-F-16	
-F17	NMC3650-F-17	

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PREVIOUS GOVERNMENT DESIGNATION AND NON-GOVERNMENT STANDARD BODIES DESIGNATION	MANUFACTURER'S DESIGNATION	MANUFACTURER'S NAME AND QUALIFICATION TEST REFERENCE
MS2528I-F18 -F19 -F20	NMC3650-F-18 NMC3650-F-19 NMC3650-F-20	Nylon Molding Corp. (Continued)  02616602.AC/7-31-03
MS2528I-R2 -R3 -R4 -R5 -R6 -R7 -R8 -R9 -R10 -R11 -R12 -R13 -R14 -R15 -R16 -R17 -R18 -R20 -R22 -R24 -R26 -R28 -R30 -R32	NMCCL41N-R2 NMCCL41N-R3 NMCCL41N-R4 NMCCL41N-R5 NMCCL41N-R6 NMCCL41N-R7 NMCCL41N-R8 NMCCL41N-R9 NMCCL41N-R10 NMCCL41N-R11 NMCCL41N-R12 NMCCL41N-R13 NMCCL41N-R14 NMCCL41N-R15 NMCCL41N-R16 NMCCL41N-R17 NMCCL41N-R18 NMCCL41N-R20 NMCCL41N-R22 NMCCL41N-R24 NMCCL41N-R26 NMCCL41N-R28 NMCCL41N-R30 NMCCL41N-R32	Nylon Molding Corp.  02616602.AC/7-31-03

TYPE IV, CLASS 1

MS3339, PLATE, MOUNTING, PLASTIC, FOR USE WITH MS3367 PLASTIC  
TIEDOWN STRAPS. (Inactive for new design)

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PREVIOUS GOVERNMENT DESIGNATION AND NON-GOVERNMENT STANDARD BODIES DESIGNATION	MANUFACTURER'S DESIGNATION	MANUFACTURER'S NAME AND QUALIFICATION TEST REFERENCE
MS3339-1-9	MTP1S-E6	Panduit Corp. (2)
-2-9	MTP2S-E6	
-3-9	MTP3S-E6	02617302.AB/1-31-03
-4-9	MTP4S-E6	
-5-9	MTP5S-E6	
-6-9	MTP1H-E6	
-7-9	MTP2H-E6	
-8-9	MTP3H-E6	
-9-9	MTP4H-E6	
-10-9	MTP5H-E6	
-11-9	MTP6H-E6	
MS3340, BULKHEAD BRACKET, FOR USE WITH MS3367 PLASTIC TIEDOWN STRAPS. (Inactive for new design)		
MS3340-1-9	LHMS-S6	Panduit Corp. (2)
		02617302.AB/1-31-03
MS3341, BRACKET, MOUNTING, PLASTIC, FOR USE WITH MS3367 PLASTIC TIEDOWN STRAPS. (Inactive for new design)		
MS3341-1-9	RAMH-S6	Panduit Corp. (2)
-2-9	RAMS-S3	
		02617302.AB/1-31-03
TYPE VI, CLASS 1		
SAE-AS23190/3, STRAPS, CLAMPS, AND MOUNTING HARDWARE, PLASTIC AND METAL FOR CABLE HARNESS TYING AND SUPPORT STRAP, TIEDOWN, ADJUSTABLE, CORROSION RESISTANT STEEL, TYPE VI, CLASS 1.		

PREVIOUS GOVERNMENT DESIGNATION AND NON-GOVERNMENT STANDARD BODIES DESIGNATION	MANUFACTURER'S DESIGNATION	MANUFACTURER'S NAME AND QUALIFICATION TEST REFERENCE
M23190/3-1	MLT2S or MLT2S-316	Panduit Corp. (3)
-2	MLT4S or MLT4S-316	
-3	MLT6S or MLT6S-316	02617302.AB/4-17-03
-4	MLT8S or MLT8S-316	
-5	MLT2H or MLT2H-316	
-6	MLT4H or MLT4H-316	
-7	MLT6H or MLT6H-316	
-8	MLT8H or MLT8H-316	
-9	MLT10H or MLT10H-316	

CLASS 2 PRODUCTS

1. Class 2 products are for original equipment installations or high production situations only.
2. When a military procurement activity receives a military part number request for class 2 products, the procurement activity will procure class 1 replacement products in lieu of the class 2 items.
3. A class 2 part is ordered by the manufacturers part number. Only that particular manufacturer's approved class 2 tool can be used with the class 2 part.
4. Class 2 products are not stocked by the Defense Supply Center Richmond for replacement purposes.
5. Class 2 products require qualification approval. Copies of the Qualifying Activity's approved part number listing may be obtained from the manufacturer. Class 2 products have the same periodic qualification requirements as class 1 products. A verbal confirmation of a manufacturer's qualification reference number for particular class 2 products may be obtained from the Qualifying Activity: Telephone (301) 342-7180 or DSN 342-7180.
6. For information purposes, class 2 products and their approved manufacturers are listed below.

CLASS 2 MANUFACTURERS

SAE-AS33671, Hellermann Tyton Corp., Panduit Corp., Thomas & Betts Corp.