

Table 28:

<u>FEDERAL INACTIVE/CURRENT</u>			
INACTIVE	TYPE/GRADE/CLASS	REPLACEMENT	TYPE/GRADE/CLASS
A-A-1036		RR-W-365	
A-A-54888			
L-M-191	TYPE I, II	L-P-391	GRADE 1
L-P-349		ASTM D707	
L-P-383		MPS 184-38	
L-P-392		ASTM-D4181	
L-P-393			
L-P-509	GRADE C GRADE CE GRADE L GRADE LE	ASTM D709 MIL-I-24768/16 MIL-I-24768/14 MIL-I-24768/15 MIL-I-24768/13	
L -P-512		ASTM D2103 ASTM D4801	
L-P-513	XXXXP		
L-P-523			
L-T-101			
O-A-51		ASTM D 329	
O-C-141			
O-C-303		A-A-55827	
O-F-506			
O-H-795		MIL-A-24641	
O-H-765		ASTM E1146	
O-N-350	Technical	A-A-59105	Technical

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<u>FEDERAL INACTIVE/CURRENT</u>			
INACTIVE	TYPE/GRADE/CLASS	REPLACEMENT	TYPE/GRADE/CLASS
O-S-571			
O-S-576			
O-S-595	Technical	A-A-59123	Technical
O-S-598	Technical	ASTM D 456-85 (97)	Technical
O-S-642			
O-S-809		O-S-801	
O-T-236			
O-T-350		A-A-59105	
O-T-620		MIL-T-81533	
O-T-634		ASTM D4080	
P-D-680	TYPE I	MIL-PRF-680	TYPE I
P-S-661		P-D-680	
T-C-571	TYPE A: TYPE II CLASS 1 TYPE B: TYPES I AND II CLASS 2 TYPES I & II CLASS 3	T-C-571	TYPE I CL 1 TYPE I, CL 2 TYPE I, CL 3 TYPE I, CL 3 TYPE III
T-T-548		A-A-59107	
V-T-276		A-A-52094	
V-T-291	TYPE III		
V-T-295		A-A-59826	

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<u>FEDERAL INACTIVE/CURRENT</u>			
INACTIVE	TYPE/GRADE/CLASS	REPLACEMENT	TYPE/GRADE/CLASS
BB-N-411	TY I GR A CLI	A-A-59503	TY I GR A CLI
	TY II GR A CLI		TY II GR A CL I
	TY I GR B CL I		TY I GR B CL I
	TY II GR B CL I		TY II GR B CL I
BB-O-925		CGA G-4.3	
DD-G-451			
HH-I-595		A-A-55809	
HH-M-351			
HH-P-46			
HH-P-96		ASTM F104	
HH-T-1782			
KK-L-136			
KK-L-201		MIL-DTL-32089	
KK-L-271			
KK-L-291			
KK-L-2004		MIL-DTL-32092	
MM-L-736			
NN-P-530			
QQ-A-200/2	ALUMINUM ALLOY, 2014 EXTRUSION	AMS-QQ-A-200/2	ALUMINUM ALLOY, 2014 EXTRUSION
QQ-A-200/3	ALUMINUM ALLOY, 2024 EXTRUSION	AMS-QQ-A-200/3	ALUMINUM ALLOY, 2024 EXTRUSION
QQ-A-200/8	ALUMINUM ALLOY, 6061 EXTRUSION	AMS-QQ-A-200/8	ALUMINUM ALLOY, 6061 EXTRUSION
QQ-A-200/9	ALUMINUM ALLOY, 6063 EXTRUSION	AMS-QQ-A-200/9	ALUMINUM ALLOY, 6063 EXTRUSION
QQ-A-200/11	ALUMINUM ALLOY, 7075 EXTRUSION	AMS-QQ-A-200/11	ALUMINUM ALLOY, 7075 EXTRUSION
QQ-A-200/13			
QQ-A-200/15	ALUMINUM ALLOY, 7075-T76 EXTRUSION	AMS-QQ-A-200/15	ALUMINUM ALLOY, 7075-T76 EXTRUSION

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<u>FEDERAL INACTIVE/CURRENT</u>			
INACTIVE	TYPE/GRADE/CLASS	REPLACEMENT	TYPE/GRADE/CLASS
QQ-A-225/1	ALUMINUM ALLOY, 1100 BAR/WIRE	AMS-QQ-A-225/1	ALUMINUM ALLOY, 1100 BAR/WIRE
QQ-A-225/2	ALUMINUM ALLOY, 3003 BAR/WIRE	AMS-QQ-A-225/2	ALUMINUM ALLOY, 3003 BAR/WIRE
QQ-A-225/4	ALUMINUM ALLOY, 2014 BAR/WIRE	AMS-QQ-A-225/4	ALUMINUM ALLOY, 2014 BAR/WIRE
QQ-A-225/6	ALUMINUM ALLOY, 2024 BAR/WIRE	AMS-QQ-A-225/6	ALUMINUM ALLOY, 2024 BAR/WIRE
QQ-A-225/7	ALUMINUM ALLOY, 5052 BAR/WIRE	AMS-QQ-A-225/7	ALUMINUM ALLOY, 5052 BAR/WIRE
QQ-A-225/8	ALUMINUM ALLOY, 6061 BAR/WIRE	AMS-QQ-A-225/8	ALUMINUM ALLOY, 6061 BAR/WIRE
QQ-A-225/9	ALUMINUM ALLOY, 7075 BAR/WIRE	AMS-QQ-A-225/9	ALUMINUM ALLOY, 7075 BAR/WIRE
QQ-A-250-1	ALUMINUM ALLOY, 1100 SHEET/PLATE	AMS-QQ-A-250/1	ALUMINUM ALLOY, 1100 SHEET/PLATE
QQ-A-250-2	ALUMINUM ALLOY, 3003 SHEET/PLATE	AMS-QQ-A-250/2	ALUMINUM ALLOY, 3003 SHEET/PLATE
QQ-A-250/3			
QQ-A-250-4	ALUMINUM ALLOY, 2024 SHEET/PLATE	AMS-QQ-A-250/4	ALUMINUM ALLOY, 2024 SHEET/PLATE
QQ-A-250-5	ALUMINUM ALLOY, ALCLAD 2024 SHEET/ PLATE	AMS-QQ-A-250/5	ALUMINUM ALLOY, ALCLAD 2024 SHEET/ PLATE
QQ-A-250-8	ALUMINUM ALLOY, 5052 SHEET/PLATE	AMS-QQ-A-250/8	ALUMINUM ALLOY, 5052 SHEET/PLATE
QQ-A-250-11	ALUMINUM ALLOY, 6061 SHEET/PLATE	AMS-QQ-A-250/11	ALUMINUM ALLOY, 6061 SHEET/PLATE
QQ-A-250-12	ALUMINUM ALLOY, 7075 SHEET/PLATE	AMS-QQ-A-250/12	ALUMINUM ALLOY, 7075 SHEET/PLATE
QQ-A-250-13	ALUMINUM ALLOY, 7075 ALCLAD SHEET/ PLATE	AMS-QQ-A-250/13	ALUMINUM ALLOY, 7075 ALCLAD SHEET/ PLATE
QQ-A-250/18			
QQ-A-250-24	ALUMINUM ALLOY, 7075 SHEET/PLATE (IMPROVED EXCO)	AMS-QQ-A-250/24	ALUMINUM ALLOY, 7075 SHEET/PLATE (IMPROVED EXCO)
QQ-A-250-25	ALUMINUM ALLOY, ALCLAD 7075 SHEET/ PLATE (IMPROVED EXCO)	AMS-QQ-A-250/25	ALUMINUM ALLOY, ALCLAD 7075 SHEET/ PLATE (IMPROVED EXCO)
QQ-A-250-29	ALUMINUM ALLOY, 2124 PLATE	AMS-QQ-A-250/29	ALUMINUM ALLOY, 2124 PLATE

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<u>FEDERAL INACTIVE/CURRENT</u>			
INACTIVE	TYPE/GRADE/CLASS	REPLACEMENT	TYPE/GRADE/CLASS
QQ-A-250-30	ALUMINUM ALLOY, 2219 SHEET/PLATE	AMS-QQ-A-250/30	ALUMINUM ALLOY, 2219 SHEET/PLATE
QQ-A-255			
QQ-A-261		QQ-A-200/2	
QQ-A-266		QQ-A-225/4	
QQ-A-267		QQ-A-200/3	
QQ-A-267		QQ-A-200/8	
QQ-A-268		QQ-A-200/9	
QQ-A-268		QQ-A-225/6	
QQ-A-270		QQ-A-200/8	
QQ-A-274		QQ-A-200/9	
QQ-A-277		QQ-A-200/11	
QQ-A-282		QQ-A-225/9	
QQ-A-283		QQ-A-250/12	
QQ-A-287		QQ-A-250/13	
QQ-A-315		QQ-A-225/7	
QQ-A-318		QQ-A-250/8	
QQ-A-325		QQ-A-200/8	
QQ-A-325		QQ-A-225/8	
QQ-A-327		QQ-A-250/11	
QQ-A-334		QQ-A-250/11	
QQ-A-351		QQ-A-225/6	
QQ-A-354		QQ-A-200/3	
QQ-A-354		QQ-A-225/6	
QQ-A-355		QQ-A-250/4	
QQ-A-356		QQ-A-225/2	

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<u>FEDERAL INACTIVE/CURRENT</u>			
INACTIVE	TYPE/GRADE/CLASS	REPLACEMENT	TYPE/GRADE/CLASS
QQ-A-356	EXTRUDED	QQ-A-200/1	
QQ-A-357		QQ-A-200/1	
QQ-A-359		QQ-A-250/2	
QQ-A-362		QQ-A-250/5	
QQ-A-367	CLASS 5 COMP 5	QQ-A-367	ALLOY 2014
QQ-A-367	COMP. 2014	QQ-A-367	ALLOY 2014
QQ-A-367	COMP.10	QQ-A-367	ALLOY 7075
QQ-A-367	COMP. 7075 CLASS A CLASS I CLASS B CLASS III CLASS C CLASS V CLASS D CLASS VII	QQ-A-367	ALLOY 7075
QQ-A-367	COMP.7075	QQ-A-367	ALLOY 7075
QQ-A-367	COMP.13 TEMPER T6E45	QQ-A-367	ALLOY 7079 TEMPER T611
QQ-A-367	ALL COMP.+TEMP.	AMS-QQ-A-367	SAME COMP.+TEMP.
QQ-A-411		QQ-A-225/1	
QQ-A-430			
QQ-A-561		QQ-A-250/1	
QQ-A-591	COMP. 2, ALLOY 13	QQ-A-591	ALLOY A413.0
QQ-A-591	COMP.1	QQ-A-591	ALLOY 413.0
QQ-A-591	COMP. 13	QQ-A-591	ALLOY 413.0
QQ-A-596			
QQ-A-601	COMP. 4, CL4M,195	QQ-A-601	ALLOY 295.0

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<u>FEDERAL INACTIVE/CURRENT</u>			
INACTIVE	TYPE/GRADE/CLASS	REPLACEMENT	TYPE/GRADE/CLASS
QQ-A-601	ALLOY A356	AMS 4218	ALLOY A356
QQ-A-601	COMP. 16 CLASS 16M OR ALLOY 220	QQ-A-601	ALLOY 520.0
QQ-A-601	ALLOY 356	AMS 4217	ALLOY 356
QQ-A-601	COMP. 10 OR CLASS 10M	QQ-A-601	ALLOY 355
QQ-A-601	COMP.2, CLASS 2M OR ALLOY 43	QQ-A-601	ALLOY B443.0
QQ-A-620	COMP. 3	QQ-C-450	ALLOY 606
QQ-A-630			
QQ-A-663	COMP.1	AMS 4640	
QQ-B-330	COMP A, D	QQ-B-750	ALLOY 360
QQ-B-575		A-A-59569	
QQ-B-611	COMP. B	QQ-B-626	ALLOY 360
QQ-B-613			
QQ-B-621	CLASS A CLASS B CLASS C	QQ-C-390	ALLOY NO. 857 ALLOY NO. 852 ALLOY NO. 854 ALLOY NO. 855
QQ-B-626	COMP.22 OR ALLOY 360	AMS 4610	
QQ-B-636			
QQ-B-637	ROD, BAR AND SHAPE	ASTM B21	ROD, BAR AND SHAPE
QQ-B-663	COMP.1	AMS 4640	
QQ-B-666	GR.4	QQ-C-450	ALLOY 606
QQ-B-666	GR B	AMS 4640	
QQ-B-667	COMP. 3	QQ-C-450	ALLOY 606

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<u>FEDERAL INACTIVE/CURRENT</u>			
INACTIVE	TYPE/GRADE/CLASS	REPLACEMENT	TYPE/GRADE/CLASS
QQ-B-671	TYPES I & II CL. 1 OR A CL. 2 OR B CL. 3 OR C CL. 4 OR D	QQ-C-370	TYPE I & II ALLOY NO.952 ALLOY NO. 953 ALLOY NO. 954 ALLOY NO.955
QQ-B-671		QQ-C-390	
QQ-B-679	COMP. 1,2	AMS 4640	
QQ-B-691	COMP. 2,5	QQ-C-390	ALLOY 836,903
QQ-B-721	CLASS A		
QQ-B-726			
QQ-B-746	COMP. A,D,	QQ-B-750	COMP. A,D
QQ-B-1005	COMP 2,5,12	QQ-C-390	ALLOY 836,903,932
QQ-C-390	TYPES I & II ALLOY G1	QQ-C-390	TYPES I & II ALLOY NO. 955
QQ-C-465	ALLOY 630	AMS 4640	
QQ-C-465	ALLOY 642	AMS 4634	
QQ-C-501		QQ-C-502	TEMPER FOR TEMPER
QQ-C-501	BAR, SHEET, PLATE		
QQ-C-502		ASTM B-187	
QQ-C-530	C 17200, C 17300	ASTM B-196	ALLOY FOR ALLOY
QQ-C-533	ALLOY 170 ALLOY 172	ASTM B194	C17000 C17200
QQ-C-576	ELECTROLYTIC TOUGH PITCH	ASTM B152	UNS NO. C 11000
QQ-C-576	OX. FREE, NO RESIDUAL DEOXIDANTS	ASTM B152	UNS NO. C 10200
QQ-C-591			

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<u>FEDERAL INACTIVE/CURRENT</u>			
INACTIVE	TYPE/GRADE/CLASS	REPLACEMENT	TYPE/GRADE/CLASS
QQ-C-671	TYPE I,II CLASS 1, A CLASS 2,B CLASS 3,C CLASS 4,D	QQ-C-390	TYPE I,II ALLOY 952 ALLOY 953 ALLOY 954 ALLOY 955
QQ-L-171		CMS 512-04	
QQ-L-225	COMP 2,5	QQ-C-390	ALLOY 836, 903
QQ-M-38			
QQ-M-44			
QQ-M-55			
QQ-M-80	CLASS A		
QQ-N-286			
QQ-N-288			
QQ-P-330	COMP.A	QQ-B-750	COMP.A
QQ-R-566		AWS A5.10	CLASS FOR CLASS
QQ-R-571			
QQ-R-571 Tin/ Lead Solder	Sn50 Form W Type S	IPC-J-STD-006	Sn50Pb50 Form S
QQ-R-571 Tin/ Lead Solder	Sn50 Form W Type R Core P2	IPC-J-STD-006	Sn50Pb50 Form W, 2.2% Rosin Flux ROL0
QQ-R-571 Tin/ Lead Solder	Sn60 Form W Type S	IPC-J-STD-006	Sn60Pb40 Form S
QQ-R-571 Tin/ Lead Solder	Sn60 Form W Type R Core P2	IPC-J-STD-006	Sn60Pb40 Form W, 2.2% Rosin Flux ROL0

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<u>FEDERAL INACTIVE/CURRENT</u>			
INACTIVE	TYPE/GRADE/CLASS	REPLACEMENT	TYPE/GRADE/CLASS
QQ-R-571 Tin/ Lead Solder	Ag5.5 Form W Type S	IPC-J-STD-006	Ag5.5Pb94.5 Form W, Flux Free
QQ-R-571 Tin/ Lead Solder	Ag1.5 Form W Type S	IPC-J-STD-006	Sn1PB97.5Ag1.5 Form W Flux Free
QQ-R-571 Tin/ Lead Solder	Sn63 Form W Type R Core P2	IPC-J-STD-006	Sn 63Pb37 form W between 1.1% and 2.2% Rosin Flux ROL0 content
QQ-R-571 Tin/ Lead Solder	Solder Sn50 Form B Type S	IPC-J-STD-006	Sn50Pb50 Form S
QQ-R-571 Tin/ Lead Solder	Sn60 Form B Type S	IPC-J-STD-006	Sn60Pb40 Form S
QQ-R-571 Tin/ Lead Solder	Sn63 Form B Type s	IPC-J-STD-006	Sn63Pb37 Form S
QQ-R-571 Tin/ Lead Solder	Sn60 Form W Type RMA Core P3	No replacement	
QQ-S-561	CLASS 4	AWS A5.8 BAg-la or QQ-B-654	Class IV
QQ-S-624	FS 4130	MIL-S-6758	
QQ-S-624	FS 4140	MIL-S-5626	
QQ-S-624	FS 4340	MIL-S-5000	
QQ-S-631			
QQ-S-633		ASTM A108	
QQ-S-634		ASTM A108	
QQ-S-671		ASTM A108	

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<u>FEDERAL INACTIVE/CURRENT</u>			
INACTIVE	TYPE/GRADE/CLASS	REPLACEMENT	TYPE/GRADE/CLASS
QQ-S-681			
QQ-S-698	TEMPER FOR TEMPER	ASTM A109	TEMPER FOR TEMPER
QQ-S-764		ASTM A582	TYPE FOR TYPE, COND FOR COND
QQ-S-766		ASTM A167	
QQ-S-766		ASTM A240	
QQ-T-580	TYPE W1 TYPE W2 TYPE W5	ASTM A686	TYPE W1 TYPE W2 TYPE W5
QQ-T-830			
QQ-W-321	COMP A, 7 COMP B, 6	QQ-W-321	ALLOY 270 ALLOY 260
QQ-W-341		QQ-W-343	TYPE S
QQ-W-343		A-A-59551	
QQ-W-390	TYPE A AND B	AMS 5687	
QQ-W-401		QQ-W-321	
QQ-W-405			
QQ-W-412			
QQ-W-423	COND B COMP 302/304	ASTM A313	TY 302 CL 1 TY 304
	COND A COMP 302/304	ASTM A580	COND A, TY302 AND TY 304
QQ-W-428			
QQ-W-470		ASTM A228	
RR-C-440			
RR-C-451	TYPE B, F	RR-W-365	TYPE II, VI
RR-S-141		RR-W-365	TYPE FOR TYPE

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<u>FEDERAL INACTIVE/CURRENT</u>			
INACTIVE	TYPE/GRADE/CLASS	REPLACEMENT	TYPE/GRADE/CLASS
RR-W-360	Type 1 Class I Type 1 Class II	ASTM E 2016 ASTM E 2016	Square Mesh, Plain Weave Square Mesh, Twilled Weave
SS-C-466			
TT-A-466		TT-P-320	TYPE II, CL. A
TT-A-468	TYPE II CL A	TT-P-320	TYPE II, CL. A
TT-A-476		TT-P-320	TYPE II, CL. A
TT-A-580			
TT-E-485	Ty IV		
TT-E-489			
TT-T-548		A-A-59107	
TT-M-261		ASTM D740	
TT-M-268			
TT-B-848			
TT-L-20		A-A-3164	
TT-L-32	ALL	A-A-3165	ALL
TT-P-32		A-A-341	
TT-P-320		A-A-341	
TT-P-600		TT-P-1757	
TT-P-664			
TT-P-1757	TYPE 1, CLASS C, COLOR T & Y		
TT-S-1732		V-2, Jet Lube Inc. Never-Seez Pipe Compound with Teflon, Bostik	
TT-T-266		A-A-857	

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<u>FEDERAL INACTIVE/CURRENT</u>			
INACTIVE	TYPE/GRADE/CLASS	REPLACEMENT	TYPE/GRADE/CLASS
TT-X-916			
UU-B-561			
UU-P-226			
UU-P-271			
UU-T-106			
VV-K-211			
VV-K-220		AMS 3161	
VV-L-800		MIL-PRF-32033	
WW-T-700/1			
WW-T-700/2		AMS-WW-T-700/2	
WW-T-700/3		AMS-WW-T-700/3	
WW-T-700/4		AMS-WW-T-700/4	
WW-T-700/6		AMS-WW-T-700/6	
WW-T-700/7		AMS-WW-T-700/7	
WW-T-775		ASTM B280	
WW-T-785		WW-T-700/3	
WW-T-787		WW-T-700/4	
WW-T-788		WW-T-700/2	
WW-T-789		WW-T-700/6	
WW-T-799			
ZZ-R-765	ALL	A-A-59588	ALL
CCC-C-430			
CCC-C-440			
CCC-C-419		-	
CCC-C-428		-	

Table 28:

<u>FEDERAL INACTIVE/CURRENT</u>			
INACTIVE	TYPE/GRADE/CLASS	REPLACEMENT	TYPE/GRADE/CLASS
CCC-D-746	TYPE II OLIVE DRAB	CCC-C-428	TYPE I, CLASS I
CCC-D-761			
CCC-D-771	TYPE I & II	CCC-C-419	TYPE I (SPECIFY COLOR)
CCC-D-771	TYPE III & IV	CCC-C-419	TYPE III (SPECIFY COLOR)
JJJ-K-108			
LLL-S-731		A-A-54888	
MMM-A-132	TYPE I, Class 2	BAMS 551-009	Grade 3, Form M
MMM-A-134			
MMM-A-181	TYPE I GRADE A		
PPP-B-636			
PPP-C-843			
PPP-C-1120			
PPP-T-60	TYPE V CL. 1 TYPE V CL. 2 TYPE IV TYPE I, CL 1 TYPE II, CL 1	PPP-T-60	TYPE II, CL 1 TYPE III, CL 2 TYPE IV, CL 1 TYPE IV, CL1 TYPE III, CL. 1
PPP-T-60	TYPE III, CL 1 TYPE III, CL 2 TYPE IV, CL 1	ASTM D5486/D5486M	TYPE I, CL 1 TYPE I, CL 2 TYPE IV
PPP-T-97			