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FED. SUP CLASS 4730											
LOW FLOW SIZE	TUBE OD	THREAD S MIL-S-8879	THREAD T MIL-S-8879	A REF	B	C ±.062	D +.000 -.015	E ±.062	F ±.003	H HEX	WT LB MAX
-3L	3/16	.3750-24 UNJF-3A	.4375-20 UNJF-3A	2.531	3.265	---	.621	2.568	.125	.621 .628 .684 .691 .746 .753	.020 .022 .019 .029
-4L	1/4	.4375-20 UNJF-3A	.4375-20 UNJF-3A		3.328	---	.684	2.653	.187		
-5L	5/16	.5000-20 UNJF-3A	.4375-20 UNJF-3A		3.390	---	.746	2.715	.234		
-6L	3/8	.5625-18 UNJF-3A	.4375-20 UNJF-3A		3.437	.663	.871	2.725	.871 .878 .996 1.003		
-8L	1/2	.7500-16 UNJF-3A	.4375-20 UNJF-3A		3.530	.656	.996	2.780	1.003		
HIGH FLOW SIZE	TUBE OD	THREAD S MIL-S-8879	THREAD T MIL-S-8879	A REF	B	C ±.062	D +.000 -.015	E ±.062	F ±.003	H HEX	WT LB MAX
-6H	3/8	.5625-18 UNJF-3A	.5625-18 UNJF-3A	2.969	3.875	---	.871	3.162	.297	.871 .878 .996 1.003 1.121 1.128	.050 .055
-8H	1/2	.7500-16 UNJF-3A	.5625-18 UNJF-3A		3.968	---	.996	3.218	.422		
-10H	5/8	.8750-14 UNJF-3A	.5625-18 UNJF-3A		4.031	.812	1.121	3.242			
REQUIREMENTS: (D) 1. MATERIAL: ALUMINUM ALLOY - BARS. SEE PROCUREMENT SPECIFICATION. 2. FINISH: SEE PROCUREMENT SPECIFICATION. SURFACE FINISH IN ACCORDANCE WITH ANSI B46.1. ALL OUTSIDE MACHINED SURFACES 125 MICROINCHES Ra. ALL INSIDE 250 Ra UNLESS OTHERWISE NOTED.											
NOTES: (D) 1. FITTINGS SHALL BE FREE FROM ALL HANGING BURRS AND SLIVERS. 2. DIMENSIONS ARE IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMAL ±.010, ANGLES ±1/2°. 3. PART NUMBERS: NO CODE LETTER IN PART NUMBER FOR ALUMINUM ALLOY (2024). ADD "W" IN PLACE OF DASH FOR ALUMINUM ALLOY (7075). EXAMPLES OF PART NUMBERS: MS21940-8L - BOLT, 1/2 TUBING, LOW FLOW, ALUMINUM ALLOY (2024). MS21940W8L - BOLT, 1/2 TUBING, LOW FLOW, ALUMINUM ALLOY (7075). 4. INSTALLATION IN ACCORDANCE WITH MS21931. 5. IN THE EVENT OF A CONFLICT BETWEEN THE TEXT OF THIS STANDARD AND THE REFERENCES CITED HEREIN, THE TEXT OF THIS STANDARD SHALL TAKE PRECEDENCE. 6. REFERENCED GOVERNMENT (OR NON-GOVERNMENT) DOCUMENTS OF THE ISSUE LISTED IN THAT ISSUE OF THE DEPARTMENT OF DEFENSE INDEX OF SPECIFICATIONS AND STANDARDS (DoDSS) SPECIFIED IN THE SOLICITATION FORM A PART OF THIS STANDARD TO THE EXTENT SPECIFIED HEREIN.											
INACTIVE FOR NEW DESIGN AFTER 31 DEC : 1989 (D)											
(D) DENOTES CHANGES											
P.A. NAVY - AS Other Cust USAF - 99		INTERNATIONAL INTEREST (D)		TITLE BOLT, CLUSTER FITTING, DOUBLE PORT, FLARELESS				MILITARY STANDARD MS21940			
PROCUREMENT SPECIFICATION MIL-F-18280		SUPERSEDES: MS21940 (ASG) (D)		DATE 1				OF 1			