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PART NO. EXAMPLE: **S 10F 10 D L11BN** = PAN HEAD SCREW, .190-32 X 5/8" LG, ALLOY STEEL, CADMIUM PLT, PHILLIPS DRIVE, LUSTERLESS BROWN PER FED-STD-595 NO. 30140

HEAD TYPE	THREAD		L LENGTH													MATERIAL	COLOR CODE	DIM DATA ±.020				
	CODE	SIZE	3/16	1/4	5/16	3/8	7/16	1/2	9/16	5/8	11/16	3/4	7/8	1	1 1/8			1 1/4	A		B	
			MAX	MIN	MAX	MIN									MAX			MIN	MAX	MIN		
S	2C	.086-56 UNC-3A	3	4	5	6	7	8										.167	.155	.062	.053	
	4C	.112-40 UNJC-3A	3	4	5	6	7	8	9	10	11	12	14	16				.219	.205	.080	.070	
	6C	.138-32 UNJC-3A	3	4	5	6	7	8	9	10	11	12	14	16				.270	.256	.097	.087	
	8C	.164-32 UNJC-3A	3	4	5	6	7	8	9	10	11	12	14	16				.322	.306	.115	.105	
	10F	.190-32 UNJF-3A		4	5	6	7	8	9	10	11	12	14	16	18	20			.373	.357	.133	.122
	12C	.216-24 UNC-3A					7	8	9	10	11	12	14	16	18	20			.425	.407	.151	.139
	14F	.250-28 UNJF-3A						8	9	10	11	12	14	16	18	20			.492	.473	.175	.162

FEATURES:

1. Screws are furnished with pre-colored heads to match panels and equipment. The coating material used in combination with the relatively hard screw heads is resistant to abrasion and screwdriver damage. This feature virtually eliminates the need for touch-up painting after assembly.
2. Screw heads are formed by cold forging, followed by a heat treating process which increases the basic tensile strength of the material. The resultant high tensile strength thus eliminates burring and yield of the substrate under the coating material.
3. Screw heads are cleaned and prepared for maximum adhesion of the coating material. The thermosetting coating material is both abrasion and solvent resistant.

NOTES:

1. The screws listed in this series reflect high quality with emphasis on the forming of the Phillips recess to meet design specification.
2. Care should be exercised to assure that the screwdriver tools meet the same quality and design specification in order to eliminate mismatching and subsequent damage to the drive recess and coating material.

3. The thread diameters and lengths listed in the table are industry standard sizes. Inventory levels of these sizes may vary at any one time due to customer demands and lead time necessary for production. Lengths not listed are also available on order. Length code designates nominal length in 1/16-inch increments (for example, length code 8 = 1/2-inch long screw).

SPECIFICATIONS:

1. Screws meet the requirements of NAS600 series, including thread size .086-56 and .216-24 which are not listed as part of the NAS specification, except for plating requirements.
2. Screws are cadmium plated per QQ-P-416, Type II, Class 2.
3. Threads are in conformance with MIL-S-8879, except parts with thread codes "2C" & "12C" which are IAW MIL-S-7742.
4. Thermosetting coating material is applied to screw head only, threads are free of coating.
5. Screw head coating colors are matched to customer requirements. We recommend selection from FED-STD-595 whenever possible but we are also prepared to match customer-furnished color chips or samples.

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COLORED SCREW

PAN HEAD, MACHINE THREAD,
ALLOY STEEL