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PART NO. EXAMPLE: **FH 10F 10 CP G27BL** =

100° FLAT HEAD SCREW .190-32 X 5/8 LONG,
CORROSION RESISTANT STEEL, PHILLIPS DRIVE,
GLOSS BLUE PER FED. STD. 595 NO. 15080

HEAD TYPE	THREAD		L LENGTH								TOLERANCE +.00 -.03	MATERIAL	COLOR CODE	DIMENSIONAL DATA			
	CODE	SIZE	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8				1	A SHARP	A' ABS. MIN.	B
FH	4C	.112-40 UNC-2A	4	5	6	7	8	10	12	14	16	CP CRES PHILLIPS DRIVE	SEE FORWARD SECTION FOR STOCK COLOR & CODE	.225	.191	.045	.012
	6C	.138-32 UNC-2A	4	5	6	7	8	10	12	14	16			.279	.238	.057	.014
	8C	.164-32 UNC-2A	4	5	6	7	8	10	12	14	16			.332	.285	.068	.015
	10F	.190-32 UNF-2A	4	5	6	7	8	10	12	14	16			.385	.333	.080	.016

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 screw driver damage. This feature virtually eliminates the need for touch up painting after assembly.
2. Screw heads are formed by cold forging which increases the basic tensile strength of the material. The resulting 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. Slight overspray on underside of head is permissible.

NOTES:

1. The screws listed in this series reflect aircraft quality with emphasis on the forming of the Phillips recess to meet design specification.
2. Care should be exercised to assure that the screw driver 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.

SPECIFICATIONS:

1. Screws meet all requirements of MS24693. Material is 300 series corrosion resistant steel. Screws are passivated per QQ-P-35.
2. Threads are in conformance with H28 Federal Handbook for threads.
3. 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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SCREW
COLORED 100° FLAT HEAD,
MACHINE THREAD,
CORROSION RESISTANT STEEL