



PART NO. EXAMPLE: **SFSW 10F 8 CP L01BK**

COLOR-
SEE DWG NO. SCL870115
FOR COLOR LIST AND
SPEC. NO. 4 BELOW

HEAD TYPE	THREAD		L LENGTH											TOL + .00 - .03	MATERIAL	DIM DATA ± .020				
	CODE	SIZE	1/4	5/16	3/8	7/16	1/2	9/16	5/8	3/4	7/8	1	1 1/4			A	B	C	D	E
SFSW	2C	.086-56 UNC-2A	4	5	6	7	8								CP CRES PHILLIPS DRIVE	.250	.096	.110	.034	.010
	4C	.112-40 UNC-2A	4	5	6	7	8	9	10	12	14	16				.312	.117	.139	.037	.013
	6C	.138-32 UNC-2A	4	5	6	7	8	9	10	12	14	16				.375	.137	.165	.040	.015
	8C	.164-32 UNC-2A	4	5	6	7	8	9	10	12	14	16				.438	.158	.204	.043	.018
	10C	.190-24 UNC-2A			6	7	8	9	10	12	14	16	20		CS CRES SLOTTED DRIVE	.500	.179	.229	.046	.020
	10F	.190-32 UNF-2A			6	7	8	9	10	12	14	16	20			.500	.179	.229	.046	.020
	14C	.250-20 UNC-2A					8	9	10	12	14	16	20			.625	.232	.300	.057	.025
	14F	.250-28 UNF-2A					8	9	10	12	14	16	20			.625	.232	.300	.057	.025

FEATURES:

- The one piece screw and captive washer simplifies handling, installation and removal of attachment hardware.
- Attachment hardware, color matched with the mounting surface eliminates distraction from the information display by blending with the background.
- 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
- The thermosetting 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.
- The nylon washer provides a resilient cushion to protect the finished surface of panels and equipment.
- A self-locking feature to prevent vibration from loosening the screw is achieved by the compression effect of the nylon washer between the screw head and the panel.
- A seal for moisture, low pressure gases and vapors can be affected between the screw head and the panel surface by the compression of the nylon washer.

NOTES:

- The screws listed in this series reflect high quality with emphasis on the forming of the Phillips recess to meet design specification.
- 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.
- 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 length in 1/16-inch-increments (for example, length code 8 = 1/2-inch-long screw).

- For color coated screw less washer, omit the letter 'FSW' from the Head Type code.

SPECIFICATIONS:

- Screws with Phillips recess meet requirements of MS51957 (UNC-2A), MS51958 (UNF-2A), or NAS1635. Screws with slotted recess meet all requirements of MS35233 (UNC-2A) or MS35234 (UNF-2A).
- Screws are passivated per QQ-P-35.
- Threads are in conformance with MIL-S-7742 and H-28 Federal Handbook for threads.
- Thermosetting coating material is applied to screw head only. A color code of 'G02NA' denotes a natural colored washer (molded in natural nylon) and a screw with polished head.
- Washer color is achieved by molding with pigmented nylon per ASTM D4066.
- Screw head coating and washer 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.
- Part No. example **SFSW10F8CPL01BK** represents a Pan-L-Screw, .190-32 UNF-2A x .50 long, corrosion resistant steel (CRES), phillips recess, with head top & sides color coated lusterless black per FED-STD-595, color no. 37038.

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 14395 RAMONA AVENUE CHINO, CA 91710 TEL (909) 597-4889 FAX (909) 597-3043 CAGE 12324	MATERIAL	FINISH	DR M. G. N.	APP (ON FILE)
	NOTED	NOTED	DATE 8-13-91	DATE
	PAN-L-SCREW ORIGINAL WASHER CORROSION RESISTANT STEEL		.XXX	SCALE
			.XX	NONE
		DWG NO.	9-45-0200-126	
		SHEET 1	OF 1	REV F