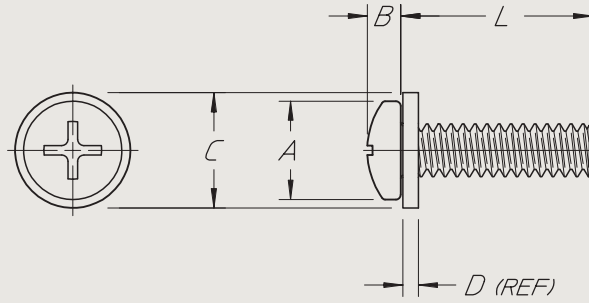




TYPICAL APPLICATION:
SECURING INSTRUMENTS WITH
LIMITED SPACE TO DASH PANELS



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PART NO. EXAMPLE: **SCFW 6C 12 CP S05BN =**

PAN HEAD SCREW w/CAPTIVE NYLON WASHER,
.138-32 X 3/4 LONG, COR. RES. STEEL, PHILLIPS DRIVE,
SEMI-GLOSS BROWN PER FED. STD. 595 NO. 20372

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	9/16	5/8	3/4				7/8	1	A	B	C
SCFW	2C	.086-56 UNC-2A	4	5	6	7	8						CP CRES PHILLIPS DRIVE	SEE FORWARD SECTION FOR STOCK COLOR & CODE	.167	.062	.198	.039
	4C	.112-40 UNC-2A	4	5	6	7	8	9	10	12	14	16			.219	.080	.250	.042
	6C	.138-32 UNC-2A	4	5	6	7	8	9	10	12	14	16			.270	.097	.300	.045
															.155	.053	.168	.029
															.205	.070	.220	.032
															.256	.087	.270	.035

FEATURES:

1. The one piece screw and captive washer simplifies handling, installation and removal of attachment hardware.
2. Attachment hardware, color matched with the mounting surface eliminates distraction from the information display by blending with the background.
3. Screw heads are formed by cold forging which increases the basic tensile strength of the corrosion resistant steel by 25%. The resultant high tensile strength thus eliminates burring and yield of the substrate under the coating material.
4. The nylon washer provides a resilient cushion to protect the finished surface of panels and equipment.
5. 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.
6. 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:

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. Inventory of all sizes listed in the table and colors listed in the forward section of this catalog are carried in stock to assure prompt deliveries. Lengths not listed are also available on order.

SPECIFICATIONS:

1. Screws meet all requirements of MS51957.
2. Screws are stocked passivated per QQ-P-35.
3. Threads are in conformance with H-28 Federal Handbook for threads.
4. Washer color is achieved by molding with pigmented nylon per ASTM D 4066-90. Natural (translucent) washer is furnished with polished head screw.
5. 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.

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SCREW/FLAT WASHER ASSEMBLY

COLORED PAN HEAD w/CAPTIVE NYLON
FLAT WASHER, MACHINE THREAD,
CORROSION RESISTANT STEEL