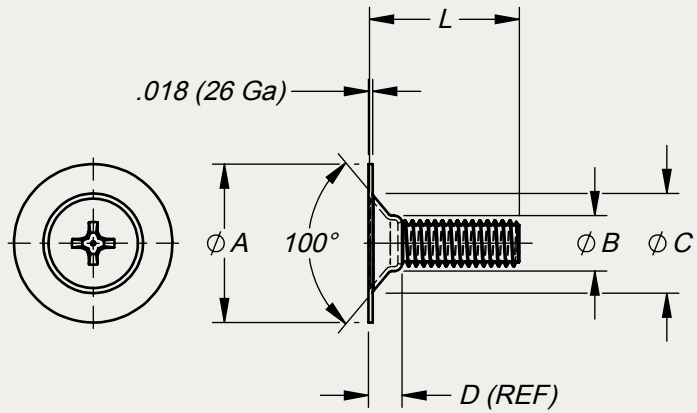




TYPICAL APPLICATION:
SECURING COMPOSITE PANELS



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PART NO. EXAMPLE: **FCM 10F 10 ZR S03RD** = 100° FLAT HEAD SCREW w/CAPTIVE METAL WASHER, .190-32 X 5/8" LG, ALLOY STEEL, RoHS ZINC, PHILLIPS DRIVE, SEMI-GLOSS RED PER FED-STD-595 NO. 21105

HEAD TYPE	THREAD		L LENGTH								MATERIAL	COLOR CODE	DIM DATA ±.02				
	CODE	SIZE	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8			1	A	B	C	D
FCM	6C	.138-32 UNC-3A	4	5	6	7	8	10	12	14	16	ZR STEEL PHILLIPS DRIVE	SEE STOCK COLOR LIST Doc No. SCL870115	.50	.18	.30	.13
	8C	.164-32 UNC-3A	4	5	6	7	8	10	12	14	16			.56	.21	.36	.14
	10F	.190-32 UNF-3A	4	5	6	7	8	10	12	14	16			.66	.23	.41	.15

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, 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.
4. The thermosetting 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.
5. The metal washer provides a low profile bearing surface to protect the finished surface of panels and equipment.

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 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.

SPECIFICATIONS:

1. Screw material is heat treated alloy steel. Washer material is low carbon steel.
2. Screws are zinc plated per ASTM B633, Class SC1 (min), Type VI-yellow, hexavalent chromium free, RoHS-Compliant.
3. Threads are in conformance with MIL-S-7742 and H-28 Federal Handbook for threads.
4. 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 / METAL WASHER

COLORED 100° FLAT HEAD w/CAPTIVE METAL WASHER, MACHINE THREAD, ALLOY STEEL, RoHS-COMPLIANT ZINC