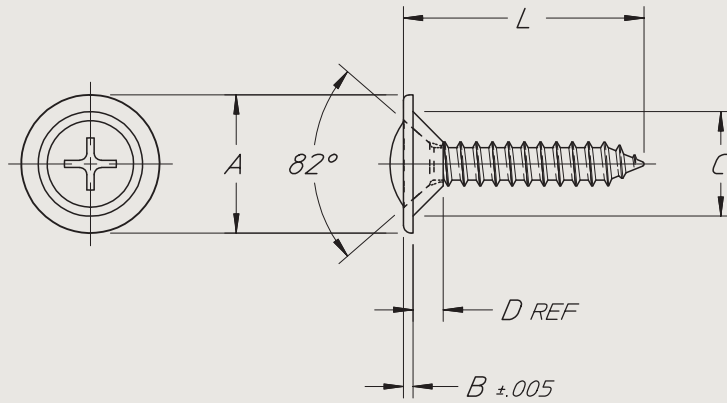




TYPICAL APPLICATION:  
SECURING UPHOLSTERY-COVERED  
PANELS



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PART NO. EXAMPLE: **OHCWL 4SM 6 D S04GY** = 82° OVAL HEAD SCREW w/CAPTIVE LARGE O.D. NYLON WASHER, SHEET METAL, 4-24 X 3/8 LONG, STEEL, PHILLIPS DRIVE,

HEAD TYPE	THREAD			L LENGTH TOL.±.03						MATERIAL	COLOR CODE	DIM DATA ±.020			
	CODE	NOMINAL DIAMETER	PITCH	1/4	3/8	1/2	5/8	3/4	1			A	B	C	D
<b>OHCWL</b>	<b>4SM</b>	4	24	<b>4</b>	<b>6</b>	<b>8</b>	<b>10</b>	<b>12</b>	<b>16</b>	<b>D</b> STEEL PHILLIPS DRIVE	SEE FORWARD SECTION FOR STOCK COLOR & CODE	.360	.025	.272	.089

**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 case hardening and 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 screw driver damage. This feature virtually eliminates the need for touch up painting after assembly.
5. The nylon washer provides a resilient cushion to protect the finished surface of panels and equipment.
6. 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 mounting surface.
7. A seal for moisture, low pressure gases and vapors can be affected between the screw head and the mounting surface by the compression of the nylon washer.
8. Type 'AB' thread style offers a fine pitch thread with a sharp gimlet point which aids entry of the screw where hole misalignment could cause problems.

**SPECIFICATIONS:**

1. Screws are in accordance with ANSI/ASME Standard No. B18.6.4, Recessed Head Tapping Screws, Type AB.
2. Screws are stocked zinc plated per ASTM B633-85, Class SC1, Type II.
3. Washer color is achieved by molding with pigmented nylon per ASTM D 4066-90.
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.

**NOTES:**

1. The screws listed in this series reflect high quality with emphasis on the forming of the Phillips recess to meet design specification.

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**UPHOLSTERY SCREW**

COLORED 82° OVAL HEAD  
w/CAPTIVE LARGE O.D. NYLON WASHER,  
SHEET METAL THREAD, ALLOY STEEL