



ZINC PLATING ON THIS PART SERIES IS BEING PHASED OUT IN FAVOR OF AN RoHS-COMPLIANT ZINC

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PART NO. EXAMPLE: **BHCS 10F 10 D S17BL** =

BUTTON HEAD SCREW, 10-32 X 5/8" LG, STEEL, HEXAGON SOCKET, SEMI-GLOSS BLUE PER FED-STD-595 NO. 25488

HEAD TYPE	THREAD		L LENGTH								MATERIAL	COLOR CODE	HEAD DATA	
	CODE	SIZE	3/16	1/4	3/8	1/2	5/8	3/4	7/8	1			A MAX.	B MAX.
BHCS	<b>2C</b>	.086-56 UNRC-3A	<b>3</b>	<b>4</b>	<b>6</b>	<b>8</b>					D STEEL HEXAGON SOCKET	SEE STOCK COLOR LIST Doc No. SCL870115	.164	.046
	<b>4C</b>	.112-40 UNRC-3A	<b>3</b>	<b>4</b>	<b>6</b>	<b>8</b>							.213	.059
	<b>6C</b>	.138-32 UNRC-3A	<b>3</b>	<b>4</b>	<b>6</b>	<b>8</b>	<b>10</b>						.262	.073
	<b>8C</b>	.164-32 UNRC-3A	<b>3</b>	<b>4</b>	<b>6</b>	<b>8</b>	<b>10</b>	<b>12</b>					.312	.087
	<b>10F</b>	.190-32 UNRF-3A		<b>4</b>	<b>6</b>	<b>8</b>	<b>10</b>	<b>12</b>	<b>14</b>	<b>16</b>			.361	.101
	<b>14C</b>	.250-20 UNRC-3A			<b>6</b>	<b>8</b>	<b>10</b>	<b>12</b>	<b>14</b>	<b>16</b>			.437	.132
	<b>38C</b>	.375-16 UNRC-3A			<b>6</b>	<b>8</b>	<b>10</b>	<b>12</b>	<b>14</b>	<b>16</b>			.656	.199

**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 screwdriver damage. This feature virtually eliminates the need for touch-up painting after assembly.
2. The thermosetting coating material is both abrasion and solvent resistant. Screw heads are cleaned and prepared for maximum adhesion of the coating material.
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.

**NOTES:**

1. The screws listed in this series reflect high quality with emphasis on the forming of the hexagon socket 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. Screws are in accordance with ANSI/ASME Standard No. B18.3, Socket Button Head Cap Screws.
2. Screws are alloy steel and are stocked zinc plated in accordance with ASTM B633, Class SC1, Type II.
3. Threads are in conformance with H-28 Federal Handbook for threads.
4. 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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**COLORED SCREW**

BUTTON HEAD, MACHINE THREAD,  
ALLOY STEEL