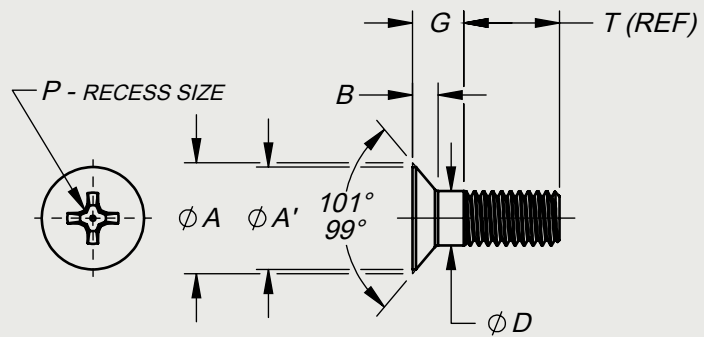




TYPICAL APPLICATION:  
SECURING PANELS ON  
AIRCRAFT EXTERIOR



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PART NO. EXAMPLE: **NAS750 3 U 3 S01WH** =

NAS7503 100° BOLT, FLUSH HEAD, RIBBED  
CRUCIFORM RECESS, A286 CRES, SHORT  
THREAD, Ø .190-32, GRIP = .188, HEAD COLOR  
SEMIGLOSS WHITE PER FED-STD-595 NO. 27875

BASIC NUMBER	DIAMETER			OPTION		GRIP LENGTH	COLOR CODE	DIMENSIONAL DATA					
	CODE	THD SIZE	T	CODE	DESCRIPTION			A	A'	B <sub>MAX</sub>	D (Plated)	P	
<b>NAS750</b>	<b>1</b>	.1380-32 UNJC-3A	.276	-	CADMIUM PLATED	CODE DESIGNATES GRIP LENGTH ("G" DIMENSION) PER NAS7500 THRU 7516 SPECIFICATION	SEE STOCK COLOR LIST Doc. No. SCL870115	.280	.246	.061	.1375	.1365	2
	<b>2</b>	.1640-32 UNJC-3A	.323					.331	.296	.072	.1635	.1625	2
	<b>3</b>	.1900-32 UNJF-3A	.323	<b>U</b>	UN-PLATED PASSIVATED			.381	.338	.082	.1895	.1885	2
	<b>4</b>	.2500-28 UNJF-3A	.370					.508	.456	.111	.2495	.2485	3

**FEATURES:**

1. Bolts are furnished with pre-colored heads to match panels and equipment. The coating material used in combination with the relatively hard bolt heads is resistant to abrasion and screwdriver damage. This feature virtually eliminates the need for touch-up painting after assembly.
2. Bolt 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.
3. Bolt heads are cleaned and prepared for maximum adhesion of the coating material. The thermosetting coating material is both abrasion and solvent resistant.

**NOTES:**

1. The bolts listed in this series reflect high quality with emphasis on the forming of the ribbed cruciform 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.

**SPECIFICATIONS:**

1. Bolts meet all requirements of NAS7500 thru 7516 specifications, except for the addition of the color coating materials.
2. Preliminary Finish: Parts are available with cadmium plating or unplated/passivated as specified in NAS7500 thru 7516.
3. Threads are in conformance with AS8879, except for reduction of major diameter as specified in NAS7500 thru 7516.
4. Thermosetting coating material is applied to bolt head only, with no overspray on underside of head (for this part series).
5. Bolt head color coating is 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 BOLT**

100° FLUSH HEAD, SHORT THREAD  
CLOSE TOLERANCE, A286 CRES, RIBBED  
CRUCIFORM RECESS