



Finishes

Available finishes for self-clinching fasteners from **Captive**:



Finish	Chromate	Suffix	RoHs	Notes:
Black Dry Film Lube	-----	ML	Yes	1. Unless otherwise specified self clinching fasteners will be provided with zinc/clear chromate (ZI)
Black Nitrate	-----	BN	Yes	
Black Oxide	-----	BO	Yes	
Bright Acid Tin	-----	BT	Yes	
Cadmium	Black	CB	No	
Cadmium	Yellow	CC	No	
Cadmium	Clear	CI	No	
Cadmium	Dry Film Lube	EF	No	
Copper Flash	-----	CF	Yes	2. P/N Structure example: <u>C632-1 ZC</u> └─> Finish
Copper, Nickel, Tin	-----	CT	Yes	
Dacromet 320	-----	DM	No	
Electro Tin	-----	ET	Yes	
Geomet	-----	GM	Yes	3. In accordance with ANSI B1.1(inch) and ANSI B1.13M(metric) specifications, the maximum major diameter and pitch diameter of class 2A/6g plated studs can be gauged to class 3A/4h
LM1293	-----	LM	Yes	
Nickel over Copper Flash	-----	NC	Yes	
Nickel Plate	-----	NI	Yes	
Nylon Locking Patch	-----	NP	Yes	
Tin Lead	-----	TL	No	
Zinc (*)	Clear	ZI	Yes	
Zinc w/ a Sealer (**)	Clear	ZS	Yes	
Zinc (***)	Black	ZB	Yes	
Zinc (***)	Blue	BZ	Yes	
Zinc (***)	Green	ZG	Yes	
Zinc (***)	Red	ZR	Yes	
Zinc (***)	Yellow	ZC	Yes	
None	-----	X	Yes	

Other Finishes available upon request

- * Zinc with clear hexavalent-free chromate, 5µm thickness on all significant surfaces, withstands 12 hours salt spray to white corrosion. Reference applicable sections – ASTM B633 & ASTM B117.
- ** Zinc with a clear hexavalent-free chromate and a sealer, 5µm thickness on all significant surfaces, withstands 72 hours salt spray to white corrosion. Reference applicable sections – ASTM B633 & ASTM B117.
- *** Zinc with colored hexavalent-free chromate, 5µm thickness on all significant surface, withstands 96 hours salt spray to white corrosion. Reference applicable sections – ASTM B633 & ASTM B117.

Captive Trade Mark Legend:

To assure you receive genuine **Captive** parts, look for the following trademarks

 - STUDS
  - FLOATING NUT
 ||||| - CFSP NUTS
 CF - STEEL & STAINLESS NUTS
 (Cold Formed)