



Finishes

Available finishes for self-clinching fasteners from Captive:

Finish	Chromate	Suffix	RoHs
Black Dry Film Lube	-----	ML	Yes
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
Copper, Nickel, Tin	-----	CT	Yes
Dacromet 320	-----	DM	No
Electro Tin	-----	ET	Yes
Electro Tin (Matte Finish)	-----	MT	Yes
Geomet	-----	GM	Yes
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 with 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

Notes:

1. Unless otherwise specified self clinching fasteners will be provided with zinc/clear chromate (ZI).
2. P/N Structure example:
C632-1 ZC
└─> Finish
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.

Other Finishes available upon request

- * Zinc with clear trivalent chromate, 5µm thickness on all significant surfaces, withstands 12 hours salt spray to white corrosion. Reference applicable sections – ASTM B633, ASTM F1941, ASTM F1941M & ASTM B117.
- ** Zinc with clear trivalent chromate and sealer, 5µm thickness on all significant surfaces, withstands 72 hours salt spray to white corrosion. Reference applicable sections – ASTM B633, ASTM F1941, ASTM F1941M & ASTM B117.
- *** Zinc with colored trivalent chromate, 5µm thickness on all significant surfaces, withstands 96 hours salt spray to white corrosion. Reference applicable sections – ASTM B633, ASTM F1941, ASTM F1941M & ASTM B117.

Captive Trade Mark Legend:

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

