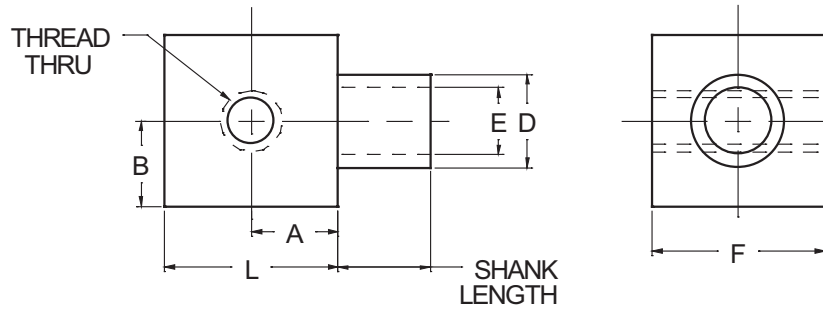




CHASSIS FASTENERS



ORDERING CODE	XX MATERIAL	XXXX BASIC PART NUMBER	X SHANK CODE	XX FINISH
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MATERIAL	CODE
BRASS	BR
ALUMINUM	AL

NOTE: See Page A4 for additional materials and specifications.

PANEL THICKNESS	SHANK LENGTH ± .003	CODE
1/32	.075	A
1/16	.105	B
3/32	.135	C
1/8	.165	D

NOTE: See Page A5 for additional shank lengths.

BASIC PART NUMBER	THREAD SIZE	A ± .005	B ± .005	D + .000 - .003	E ± .002	F ± .005	L ± .005
6991	4-40	.125	.125	.126	.098	.250	.250
6990	6-32	.218	.156	.188	.150	.312	.380

BASIC PART NUMBER	PANEL HOLE SIZE	SWAGE TOOLING		
		PUNCH	ANVIL	BODY LENGTH
6991	.128 - .131	126	350-2	1/4 - 7/16
6990	.190 - .193	188	435-2	1/4 - 7/16

CODE	FINISH	CODE	FINISH
00	Plain — None	32	Cadmium QQ-P-416, CL 2 — Color Chromate
01	Passivate ASTM A967-05	33	Black Zinc
02	Caustic Etch	34*	Zinc QQ-Z-325, Type II, CL 3 — Clear Chromate
03	Bright Dip — Brass	35	Zinc QQ-Z-325, Type I, CL 3
11	Anodize MIL-A-8625C, Type I Chromic Hot Water Seal — Dark Grey	36	Zinc QQ-Z-325, Type II, CL 3 — Yellow Chromate
12	Anodize MIL-A-8625C, Type II Sulphuric Hot Water Seal — Clear	42	Electro Tin MIL-T-10727, Type I (Dull)
13	Anodize MIL-A-8625C, Type II Sulphuric Dichromate Seal — Yellow Green	43	Electro Tin MIL-T-10727 C, Type I (Bright)
14	Anodize MIL-A-8625C — Black	44	Electro Tin (Solder) MIL-F-14072 M230/M222
21	Iridite MIL-C-5541 — Clear	48	Copper / Nickel / Bright Tin
22*	Iridite MIL-C-5541 — Gold #14	50	Black Oxide MIL-C-13924 — Steel
25	Clear Iridite -- Class 3 (RoHS) MIL-DTL-5541F	51	Black Oxide MIL-F-495 — Brass
31	Cadmium QQ-P-416, CL 2 — Clear Chromate	52	Black Oxide MIL-C-13924 — Stainless Steel
		61	Nickel QQ-N-290 CL 1, Type VI KC
		63	Ductile Nickel
		66	Electroless Nickel
		91	Silver QQ-S-365

*Standard finishes: Zinc (Clear Chromate) on brass material, Iridite (Gold #14) on aluminum material.



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