

MATERIAL	HARDWARE	IRIDITE, CHROMATE, ALODIN	ZINC	NICKEL PLATE	BLACK OXIDE	ANODIZE	TIN PLATE	PASSIVATE
Aluminum	AC, CLS, CLSS, F, FHS, SOS, BSOS	Before	X	X	X	After	After	X
Stainless Steel	SP, FH4, SO4, BSO4	X	X **	Before	Before	X	Before	Before
CRS	AS, BSO, FH, SO, SS	X	Before	Before	X	X	Before	X
Galvanneal	AS, BSO, FH, SO, SS	Paint / Powder Only						
Galvanized	AS, BSO, FH, SO, SS	Paint / Powder Only						

** Stainless Steel can be zinc plated but you need to notify vendor to nickel strike. Please note on folder

MATERIAL THICKNESS VS. SHANK NUMBERS

HARDWARE TYPE	THREAD CODE	MINIMUM SHEET THICKNESS	SHANK
S, SS, CLS, SP, SCLA	256, 440, 632, 024, 032, M2, M2.5, M3, M3.5, M4, M5 632, 832, 024, 032	0.03	0
		0.04	1
		0.056	2
		0.091	3
S, SS, CLS, SP, SCLA	0420, 0428, 0518 M6, M8	0.056	1
		0.091	2
		0.125	3
F	256, 440, 632, 832, 032 M2.5, M3, M4, M5	.060 - 0.90	1
		0.90 - UP	2
SO, SOS, SO4, BSO, BSOS, BSO5	440, 6440, 632 M3, M4	0.40 - IF LESS THAN 0.40 USE TSO OR TSOS (.025 MINIMUM)	
SO, SOS, SO4, BSO, BSOS, BSO5	8632, 832, 032	0.05	
FH, FHS, FH4, FHA	256, 440, 0632, 832, 024, 032, M2.5, M3, M4, M5	0.04	
		.0420	
		.0518	
FEO (Locking), FEOX	440, 632, 832, .032, M3, M4, M5	.039 - .045	AFTER PLATING
FE (Locking), FEX	440, 632, 832, .032, M3, M4, M5	.059 - .070	AFTER PLATING

PART NUMBER DESIGNATION					
S	-	632	-	1	ZI
SS	-	032	-	1	ZI
CL	S	-	632	-	1
CLS	S	-	032	-	1
S	P	-	632	-	1
CL	A	-	632	-	1
↓	↓	↓	↓	↓	↓
Type	Material Code	Thread Size Code	Shank Code	Finish	



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SPECIAL CASES

HARDWARE TYPE	SPECIAL INFO **	INSTALL IN STAINLESS
PL, PLC	Nylon Threads	NO
TD, RAS, RAA	Steel Only	NO
ALL PANEL FASTENERS: PF 11, PF12, PFC2	Only install after all finishes, including powder coat	NO
LK, LKS, LKA	Treated w/ Black Dry Lubricant	NO

**Blind Stand off After Zinc & Chromate

HARDWARE LENGTHS

HARDWARE TYPE	Length Code + .015" (Length code is in 16ths of an inch)														
	0.25	0.312	0.375	0.5	0.625	0.75	0.875	1	1.25	1.5					
FH, FHS, FH4, FHL, FHLS, TFH, TFHS, HFH, HFHS	4	5	6	8	10	12	14	16	20	24					
All metric lengths are in millimeters (Example: Dash 10 is 10mm long)															
HARDWARE TYPE	Length Code + .015" (Length code is in 32nd of an inch)														
	0.125	0.187	0.25	0.312	0.375	0.437	0.5	0.562	0.625	0.687	0.75	0.812	0.875	0.937	1
SO, SOS, SO4, BSO, BSOS, BSO4	4	6	8	10	12	14	16	18	20	22	24	25	28	30	32
All metric lengths are in millimeters (Example: Dash 10 is 10mm long)															