

Product Specifications

Porteous Fastener Company purchases our products to industry standards whenever possible. These tables list many of PFC's products listed in this catalog and associated specifications.

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Products	Category Numbers	Mechanical Specifications	Dimensional Specifications	Comments
Hex Bolts, Hex Machine Bolts, Square Head Bolts	00024, 00026, 00028, 00029	ASTM A307 Grade A	ASME B18.2.1	
Tap Bolts: Gr. A	00022	ASTM A307 Grade A	ASME B18.2.1	Full thread to 6 inches
Tap Bolts: Grade 5	00023	SAE J429	ASME B18.2.1	Full thread to 6 inches
Hex Bolts: Gr B, Heavy Hex	00030	ASTM A307 Grade B	ASME B18.2.1	6 inches of thread 10 inch and longer
Cap Screws: Grades 2, 5 and 8	00020, 00050, 00051, 00056, 00057, 00080, 00081	SAE J429	ASME B18.2.1	SAE J429 applies to screws 1/4 through 1 1/2"
Carriage Bolts: Grade A	00100	ASTM A307 Grade A	ASME B18.5	Full thread to 6 inches, undersize body 6 1/2-12"
Carriage Bolts: Grade 5	00105	SAE J429	ASME B18.5	Full thread to 6 inches
Timber Bolts	00108	ASTM A307 Grade A		
Lag Screws	00110	SAE J429 Grade 1	ASME B18.2.1	
Plow Bolts: Grade 5, No. 3 Head	00120	SAE J429	ASME B18.9	
Plow Bolts: Grade 5, Clipped, Elliptical, and Large Head	00122, 00125, 00126, 00127	SAE J429	ASME B18.9 (in part only)	
Step Bolts	00130	ASTM A307 Grade A	ASME B18.5	Full thread, stress relieved
Elevator Bolts	00132	SAE J429 Grade 1	ASME B18.5	Full thread, stress relieved, no headmarkings
Anchor Bolts	00180	ASTM A307 Grade A		
Threaded Rod	00170, 00171, 00179	ASTM A307 Grade A	None	
B7 Threaded Rod	04170, 04171, 04172	ASTM A193	None	
Structural Bolts: A325	00152, 00156, 00157	ASTM A325	ASME B18.2.6	
Structural Bolts: A490	00160, 00161	ASTM A490	ASME B18.2.6	
Tension Control Assemblies: A325	00154, 00159	ASTM F1852	ASME B18.2.6	
Tension Control Assemblies: A490	00162, 00163	ASTM F2280	ASME B18.2.6	
Hex Nuts: Grade A, Regular and Left Hand	00200, 00201, 00226, 00227	ASTM A563	ASME/ANSI B18.2.2	HDG nuts tapped oversize. PFC's hot-formed nuts are made from 1045 steel.
Square Nuts: Grade 2	00202	SAE J995	ASME/ANSI B18.2.2	PFC's hot formed nuts made from 1045 Steel
Hex Jam Nuts	00204, 00205, 00211	ASTM A563 Grade A	ASME/ANSI B18.2.2	
Hex Nuts: Grades 5 and 8	00206, 00207, 00208, 00209, 00240, 00241, 00242, 00243	SAE J995	ASME/ANSI B18.2.2	Hot-formed grade 5 nuts are made from 1045 steel.
Heavy Hex Nuts: Gr. A	00210	ASTM A563	ASME/ANSI B18.2.2	HDG nuts tapped oversize. PFC's hot-formed nuts are made from 1045 steel.
High Nuts	00235	SAE J995	SAE J482	Grade 8
Coupling Nuts	00236, 00237, 00238, 00239	ASTM A563 Grade A		Regular, Reducer and Economy
Heavy Hex Nuts: Grade 2H	00212, 00216, 00217	ASTM A194	ASME/ANSI B18.2.2	
Heavy Hex Nuts: Grade C	00214, 00218	ASTM A563	ASME B18.2.6	
Heavy Hex Nuts: Grade DH	00213, 00219	ASTM A563	ASME B18.2.6	
Slotted Hex Nuts	00230, 00231	SAE J995 Grade 2	ASME/ANSI B18.2.2	
Locknuts: Nylon Insert and All-Metal	00250, 00251, 00254, 00255, 00268, 00269	IFI 100/107	IFI 100/107	00250 & 00251 are Grade A. 00254 & 00255 are Grade C. 00268 & 00269 are Grade C and sometimes called Grade 8
Locknuts: Nylon Insert: Grade 8 Heavy	00265	IFI 100/107	NU	Grade C
Locknuts: 2 Way Reversible	00256, 00257	ASME/ANSI B18.2.2	IFI 100/107	Waxed, dimensions same as hex nut
Flange Nuts: Serrated	00258, 00259	ASTM A563 Grade A		Case Hardened

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