

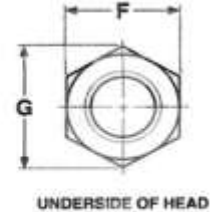
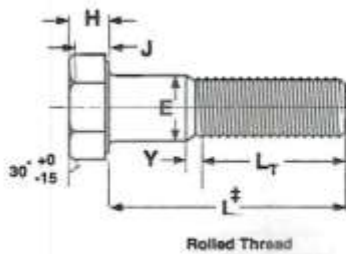
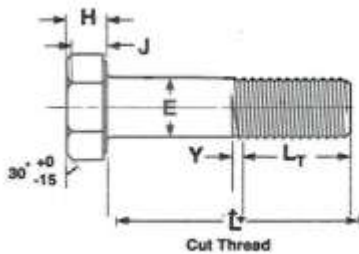


Atlanta, Georgia

Phone 800-521-7326

Fax 770-745-1333

Hex Bolt Grade Stainless Steel 18-8 and 316



Peco Catalog#

See Section Three of Our Catalog

Peco Catalog#	E Diameter			F Width			G Width		H Head		J Wrench	L Thread Length		Y Transition Thread	
	Basic Diameter	Min	Max	Across Flats			Across Corners		Basic	Min	Max	Min	< 6"	> 6"	Max
				Basic	Min	Max	Min	Max							
1/4	0.2500	0.2450	0.2500	7/16	0.428	0.438	0.488	0.505	5/32	0.150	0.163	0.106	0.7500	1.0000	0.250
5/16	0.3125	0.3065	0.3125	1/2	0.489	0.500	0.557	0.577	13/64	0.195	0.211	0.140	0.8750	1.1250	0.278
3/8	0.3750	0.3690	0.3750	9/16	0.551	0.562	0.628	0.650	15/64	0.226	0.243	0.160	1.0000	1.2500	0.312
7/16	0.4375	0.4305	0.4375	5/8	0.612	0.625	0.698	0.722	9/32	0.272	0.291	0.195	1.1250	1.375	0.357
1/2	0.5000	0.4930	0.5000	3/4	0.736	0.750	0.840	0.866	5/16	0.302	0.323	0.215	1.2500	1.500	0.385
9/16	0.5625	0.5545	0.5625	13/16	0.798	0.812	0.910	0.938	23/64	0.348	0.371	0.250	1.375	1.625	0.417
5/8	0.6250	0.6170	0.6250	15/16	0.922	0.938	1.051	1.083	25/64	0.378	0.403	0.269	1.500	1.750	0.455
3/4	0.7500	0.7410	0.7500	1-1/8	1.100	1.125	1.254	1.299	15/32	0.455	0.483	0.324	1.750	2.000	0.500
7/8	0.8750	0.8660	0.8750	1-5/16	1.285	1.312	1.465	1.516	35/64	0.531	0.563	0.378	2.000	2.250	0.556
1	1.0000	0.9900	1.0000	1-1/2	1.469	1.500	1.675	1.732	39/64	0.591	0.627	0.416	2.250	2.500	0.625
1-1/8	1.1250	1.1140	1.1250	1-11/16	1.631	1.688	1.859	1.949	11/16	0.658	0.718	0.461	2.500	2.750	0.714
1-1/4	1.2500	1.2390	1.2500	1-7/8	1.812	1.875	2.066	2.165	25/32	0.749	0.813	0.530	2.750	3.000	0.714
1-1/2	1.5000	1.4880	1.5000	2-1/4	2.175	2.250	2.480	2.598	1-5/16	0.902	0.974	0.640	3.250	3.500	0.833

Tolerance on Length	Screw Size	Screw Length				
		Up to 1"	Over 1" to 2-1/2"	Over 2-1/2" to 4"	Over 4" to 6"	Longer than 6"
	1/4 to 3/8	-0.03	-0.04	-0.06	-0.10	-0.18
7/16 to 1/2	-0.03	-0.06	-0.08	-0.10	-0.18	
9/16 to 3/4	-0.03	-0.08	-0.10	-0.10	-0.18	
7/8 to 1		-0.10	-0.14	-0.16	-0.20	
1-1/8 to 1-1/2		-0.12	-0.16	-0.18	-0.22	

Hardness
Yield Strength
Tensile Strength
Material 18-8
Material 316

	1/4" through 5/8" Diameter	3/4" through 1" Diameter
Rockwell	B95 - C32	B80 - C32
psi	65,000 psi min.	45,000 psi min.
psi	100,000 - 150,000 psi	85,000 - 140,000 psi
Made from one of the following alloys 303, 303Se, 304, XM7. Chromium Content 17%-19% and Nickel content 8%-10%.		
Made from 316 stainless steel, contains 2%-3% Molybdenum and 10%-14% Nickel.		

Peco Fasteners specification sheets are a reference guide to help in the selection of fasteners. Peco has made every effort to ensure the accuracy of the information. However, Peco Fasteners is not responsible for any errors that may be contained within these sheets. Peco Fasteners makes no claim of warranty in the accuracy of this information. Users of this information are solely responsible for protecting themselves against liability. It is solely the responsibility of the purchasers and users of these fasteners to consult with Engineers that are experts in an applicable field. Peco Fasteners is not responsible for any loss, claim, or damage due to these specification sheets.

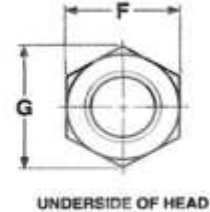
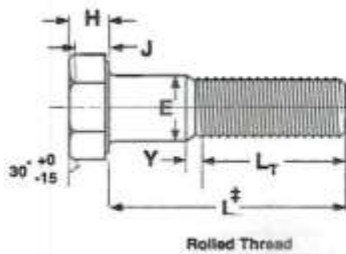
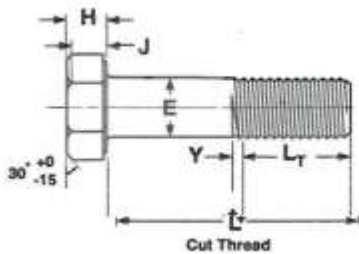


Atlanta, Georgia

Phone 800-521-7326

Fax 770-745-1333

Hex Bolt Grade Stainless Steel 18-8 and 316



Peco Catalog#

See Section Three of Our Catalog

Peco Catalog#	E Diameter			F Width			G Width		H Head		J Wrench	L Thread Length		Y Transition Thread	
	Basic Diameter	Min	Max	Across Flats			Across Corners		Basic	Height		Height Min	Thread Length < 6"	Thread Length > 6"	Length Max
				Basic	Min	Max	Min	Max		Min	Max		< 6"	> 6"	
1/4	0.2500	0.2450	0.2500	7/16	0.428	0.438	0.488	0.505	5/32	0.150	0.163	0.106	0.7500	1.0000	0.250
5/16	0.3125	0.3065	0.3125	1/2	0.489	0.500	0.557	0.577	13/64	0.195	0.211	0.140	0.8750	1.1250	0.278
3/8	0.3750	0.3690	0.3750	9/16	0.551	0.562	0.628	0.650	15/64	0.226	0.243	0.160	1.0000	1.2500	0.312
7/16	0.4375	0.4305	0.4375	5/8	0.612	0.625	0.698	0.722	9/32	0.272	0.291	0.195	1.1250	1.375	0.357
1/2	0.5000	0.4930	0.5000	3/4	0.736	0.750	0.840	0.866	5/16	0.302	0.323	0.215	1.2500	1.500	0.385
9/16	0.5625	0.5545	0.5625	13/16	0.798	0.812	0.910	0.938	23/64	0.348	0.371	0.250	1.375	1.625	0.417
5/8	0.6250	0.6170	0.6250	15/16	0.922	0.938	1.051	1.083	25/64	0.378	0.403	0.269	1.500	1.750	0.455
3/4	0.7500	0.7410	0.7500	1-1/8	1.100	1.125	1.254	1.299	15/32	0.455	0.483	0.324	1.750	2.000	0.500
7/8	0.8750	0.8660	0.8750	1-5/16	1.285	1.312	1.465	1.516	35/64	0.531	0.563	0.378	2.000	2.250	0.556
1	1.0000	0.9900	1.0000	1-1/2	1.469	1.500	1.675	1.732	39/64	0.591	0.627	0.416	2.250	2.500	0.625
1-1/8	1.1250	1.1140	1.1250	1-11/16	1.631	1.688	1.859	1.949	11/16	0.658	0.718	0.461	2.500	2.750	0.714
1-1/4	1.2500	1.2390	1.2500	1-7/8	1.812	1.875	2.066	2.165	25/32	0.749	0.813	0.530	2.750	3.000	0.714
1-1/2	1.5000	1.4880	1.5000	2-1/4	2.175	2.250	2.480	2.598	1-5/16	0.902	0.974	0.640	3.250	3.500	0.833

Tolerance on Length	Screw Size	Screw Length				
		Up to 1"	Over 1" to 2-1/2"	Over 2-1/2" to 4"	Over 4" to 6"	Longer than 6"
	1/4 to 3/8	-0.03	-0.04	-0.06	-0.10	-0.18
	7/16 to 1/2	-0.03	-0.06	-0.08	-0.10	-0.18
	9/16 to 3/4	-0.03	-0.08	-0.10	-0.10	-0.18
7/8 to 1		-0.10	-0.14	-0.16	-0.20	
1-1/8 to 1-1/2		-0.12	-0.16	-0.18	-0.22	

Hardness
Yield Strength
Tensile Strength
Material 18-8
Material 316

	1/4" through 5/8" Diameter	3/4" through 1" Diameter
Rockwell	B95 - C32	B80 - C32
psi	65,000 psi min.	45,000 psi min.
psi	100,000 - 150,000 psi	85,000 - 140,000 psi
Made from one of the following alloys 303, 303Se, 304, XM7. Chromium Content 17%-19% and Nickel content 8%-10%.		
Made from 316 stainless steel, contains 2%-3% Molybdenum and 10%-14% Nickel.		

Peco Fasteners specification sheets are a reference guide to help in the selection of fasteners. Peco has made every effort to ensure the accuracy of the information. However, Peco Fasteners is not responsible for any errors that may be contained within these sheets. Peco Fasteners makes no claim of warranty in the accuracy of this information. Users of this information are solely responsible for protecting themselves against liability. It is solely the responsibility of the purchasers and users of these fasteners to consult with Engineers that are experts in an applicable field. Peco Fasteners is not responsible for any loss, claim, or damage due to these specification sheets.