

Calbrite™

Stainless Steel Conduit Systems

Stainless Steel Hex Head Cap Screws

Features:

- Manufactured in type 316 stainless steel to meet any stringent sanitary condition
- Polished with standard "brite" finish to increase corrosion resistance and aesthetic appearance
- No package qty. required



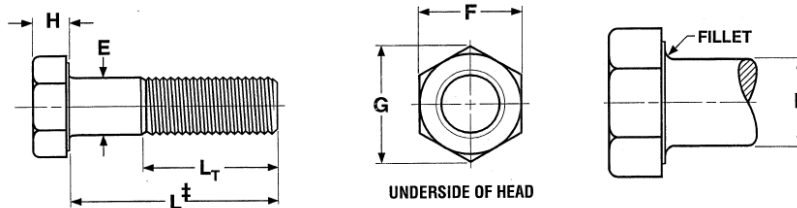
Hardness	1/4 through 5/8 in. diameter: Rockwell B95 - C32 3/4 through 1 in. diameter: Rockwell B80 - C32
Yield Strength*	1/4 through 5/8 in. diameter, 2.25D and longer: 65,000 psi. minimum 3/4" (2.25D & longer) & 7/8 through 1 in. diameter (3D & longer): 45,000 psi. minimum
Tensile Strength	1/4 through 5/8 in. diameter, 2.25D and longer: 100,000 - 150,000 psi. 3/4" (2.25D & longer) & 7/8 through 1 in. diameter (3D & longer): 85,000 - 140,000 psi.

Applications:

- General purpose threaded fasteners for insertion of pre-tapped holes or for use with nuts

Industries Commonly Served:

- Food & Beverage Production & Distribution
- Chemical Plants
- Water & Wastewater Treatment
- Pharmaceuticals & Cosmetics
- Refining & Extraction Sites
- Petrochemical
- Pulp & Paper Mills
- Marine & Coastal Facilities
- Along with other corrosive environments



HEX CAP SCREWS													
Nominal or Basic Product Diameter	E		F			G		H			L _T		
	Body Diameter		Width Across Flats			Width Across Corners		Head Height			Thread Length		
	Max	Min	Basic	Max	Min	Max	Min	Basic	Max	Min	For Screw Lengths ≤ 6 in. Ref	For Screw Lengths > 6 in. Ref	
1/4	0.2500	0.2500	0.2450	7/16	0.438	0.428	0.505	0.488	5/32	0.163	0.150	0.750	1.000
5/16	0.3125	0.3125	0.3065	1/2	0.500	0.489	0.577	0.557	13/64	0.211	.0195	0.875	1.125
3/8	0.3750	0.3750	0.3690	9/16	0.562	0.551	0.650	0.628	15/64	0.243	0.226	1.000	1.250
7/16	0.4375	0.4375	0.4305	5/8	0.625	0.612	0.722	0.698	9/32	0.291	0.272	1.125	1.375
1/2	0.5000	0.5000	0.4930	3/4	0.750	0.736	0.866	0.840	5/16	0.323	0.302	1.250	1.500
9/16	0.5625	0.5625	0.5545	13/16	0.812	0.798	0.938	0.910	23/64	0.371	0.348	1.375	1.625
5/8	0.6250	0.6250	0.6170	15/16	0.938	0.922	1.083	1.051	25/64	0.403	0.378	1.500	1.750
3/4	0.7500	0.7500	0.7410	1-1/8	1.125	1.100	1.299	1.254	15/32	0.483	0.455	1.750	2.000
7/8	0.8750	0.8750	0.8660	1-5/16	1.312	1.285	1.516	1.465	35/64	0.563	0.531	2.000	2.250
1	1.0000	1.0000	0.9900	1-1/2	1.500	1.469	1.732	1.675	39/64	0.627	0.591	2.250	2.500
1-1/8	1.1250	1.1250	1.1140	1-11/16	1.688	1.631	1.949	1.859	11/16	0.718	0.658	2.500	2.750
1-1/4	1.2500	1.2500	1.2390	1-7/8	1.875	1.812	2.165	2.066	25/32	0.813	0.749	2.750	3.000
1-1/2	1.5000	1.5000	1.4880	2-1/4	2.250	2.175	2.598	2.480	1-5/16	0.974	0.902	3.250	3.500

All dimensions are for informational purposes only *Tolerances +/- 5%