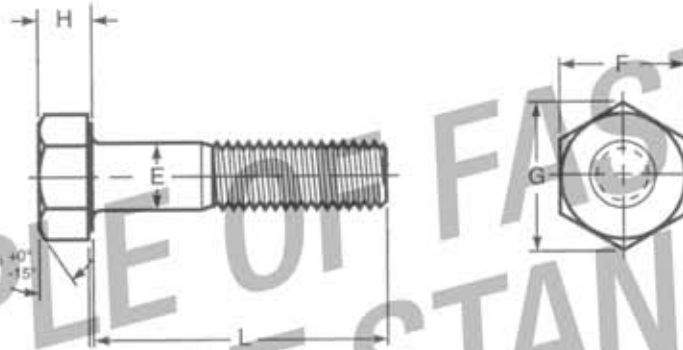


Hex Cap Screws, Grade 5, Zinc Plated

The information below lists the required dimensional, chemical and physical characteristics of the products in this purchase order. If the order received does not meet these requirements, it may result in a supplier corrective action request, which could jeopardize your status as an approved vendor. Unless otherwise specified, all referenced consensus standards must be adhered to in their entirety.



Size, in.	E		F			G		H		
	Full Size Body Dia.		Width Across Flats			Width Across Corners		Head Height		
	Max.	Min.	Basic	Max.	Min.	Max.	Min.	Basic	Max.	Min.
1/4	0.2500	0.2450	7/16	0.438	0.428	0.505	0.488	5/32	0.163	0.150
5/16	0.3125	0.3065	1/2	0.500	0.489	0.577	0.557	13/64	0.211	0.195
3/8	0.3750	0.3690	9/16	0.563	0.551	0.650	0.628	15/64	0.243	0.226
7/16	0.4375	0.4305	5/8	0.625	0.612	0.722	0.698	9/32	0.291	0.272
1/2	0.500	0.4930	3/4	0.750	0.736	0.866	0.840	5/16	0.323	0.302
9/16	0.5625	0.5545	13/16	0.813	0.798	0.938	0.910	23/64	0.371	0.348
5/8	0.6250	0.6170	15/16	0.938	0.922	1.083	1.051	25/64	0.403	0.378
3/4	0.7500	0.7410	1 1/8	1.125	1.100	1.299	1.254	15/32	0.483	0.455
7/8	0.8750	0.8660	1 5/16	1.313	1.285	1.516	1.465	35/64	0.563	0.531
1	1.0000	0.9900	1 1/2	1.500	1.469	1.732	1.675	39/64	0.627	0.591
1 1/8	1.1250	1.1140	1 11/16	1.688	1.631	1.949	1.859	11/16	0.718	0.658
1 1/4	1.2500	1.2390	1 7/8	1.875	1.812	2.165	2.066	25/32	0.813	0.749

Length and Thread Length per ASME B18.2.1

Specification Requirements:

- Dimensions: ASME B18.2.1.
- Material & Mechanical Properties: Grade 5 per SAE J429.
- Thread requirements: ASME B1.1 UNC & UNF Class 2A.
- Head marking: Manufacturer ID and 3 radial lines 120 degrees apart.
- Coating: Fe/Zn 3AT Per ASTM F1941
- Material Test Reports: The MTR must have documented lot traceability, including full chemical and mechanical figures, to the specification(s) above.