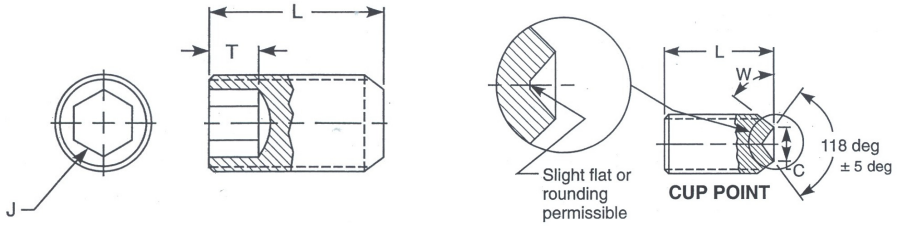
Socket Set Screws, Cup Point, Black Oxide, Manufactured in the USA

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	J		T	C		B (1)
	Hexagon Socket Size		Key Engagement	Point Diameter		Shortest Optimum Nominal Length
	Max.	Min.	Min.	Max.	Min.	
4	.0510	.0500	.070	.056	.051	.19
5	.0635	.0625	.080	.062	.056	.19
6	.0635	.0625	.080	.069	.062	.19
8	.0791	.0781	.090	.082	.074	.19
10	.0952	.0937	.100	.095	.086	.19
1/4	.1270	.1250	.125	.125	.114	.25
5/16	.1587	.1562	.156	.156	.144	.31
3/8	.1900	.1875	.188	.187	.174	.38
7/16	.2217	.2187	.219	.218	.204	.44
1/2	.2530	.2500	.250	.250	.235	.50
5/8	.3160	.3125	.312	.312	.295	.63
3/4	.3790	.3750	.375	.375	.357	.75
7/8	.5050	.5000	.500	.437	.418	.88
1	.5680	.5625	.562	.500	.480	1.00

*W shall be 45º +5º -0º for screw lengths equal to or longer than the lengths listed in column B and 30º minimum for shorter screws.
Point angle W applies only to those portions of the angle that lie below the root diameter of the thread.
(1) B is the shortest length to which "T" applies.

Specification Requirements:

- Dimensions: ASME B18.3, Cup Point.
- Material & Mechanical Properties: ASTM F912.
- Thread requirements: ASME B1.1, Class 3A, UNC and UNF.
- Finish: Black Oxide (Thermal or Chemical)

Ordering contact



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