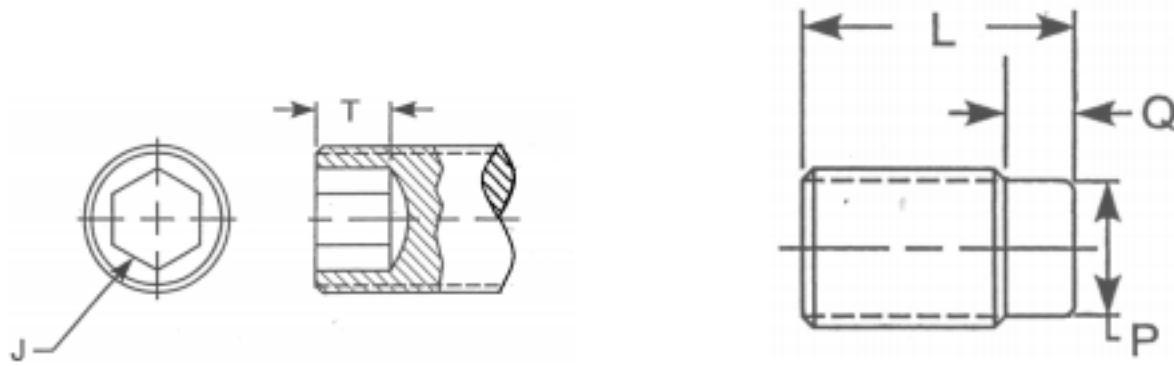


[FULL DOG POINT SET SCREWS](#), SOCKET SCREWS, BLACK OXIDE

AFT Fasteners, your [official fastener team](#), has listed the following information below as a guide for the required dimensional, chemical and physical characteristics of the full dog point set screw.

NORMAL SIZE OR BASIC SCREW DIA.		J		T	P		Q	
		Hex Socket Size		Key Eng.	Dog Point Diameter		Dog Point Length	
		Max.	Min.	Min.	Max.	Min.	Max.	Min.
6	0.138	0.0635	0.0625	0.80	0.092	0.087	0.073	0.067
8	0.164	0.0791	0.0781	0.90	0.109	0.103	0.083	0.077
10	0.190	0.0952	0.0937	0.100	0.127	0.120	0.095	0.085
1/4	0.250	0.1270	0.1250	0.125	0.156	0.149	0.130	0.120
5/16	0.313	0.1587	0.1562	0.156	0.203	0.195	0.161	0.151
3/8	0.375	0.1900	0.1875	0.188	0.250	0.241	0.193	0.183
1/2	0.500	0.2530	0.2500	0.250	0.344	0.334	0.255	0.245
5/8	0.625	0.3160	0.3125	0.312	0.469	0.456	0.321	0.305
3/4	0.750	0.3790	0.3750	0.375	0.562	0.549	0.383	0.367
Length Tolerance (Does not include tip)	Nominal Screw Length							
	Up to 0.63" Incl.		Up to 0.63" to 2.00" Incl.		Up to 2.00" to 6.00" Incl.		Over 6.00" Incl.	
	+/- 0.01		+/- 0.02		+/- 0.03		+/- 0.06	

FULL DOG SET SCREW SPECIFICATION REQUIREMENTS:

- A. Dimensions: ASME B18.3 (Q is derived from ASME B18.6.2)
- B. Material & Mechanical Properties: ASTM F912.
- C. Thread Requirements: ASME B1.1, Class 3A, UNC and UNF.
- D. The Finish Is: Black Oxide (Thermal or Chemical)

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