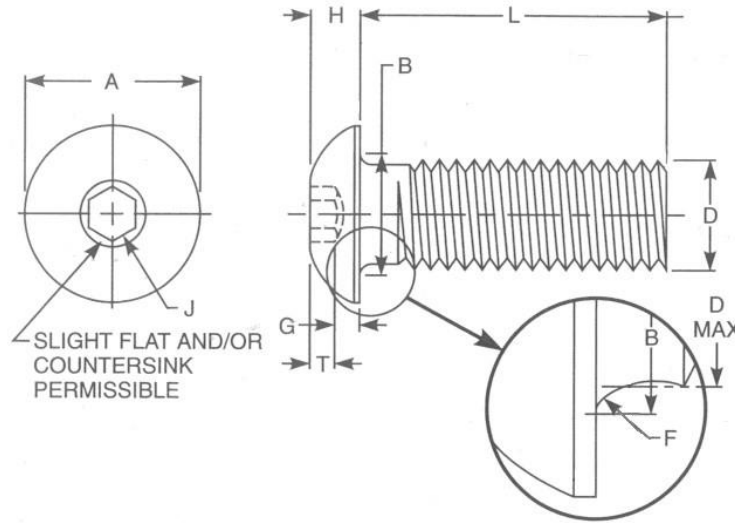




Button Head Socket Cap Screws, Metric, Class 12.9, Black Oxide, Manufactured in the USA



D		A		H		J	T	G	B		F	L
Size	Thread Pitch	Head Dia.		Head Height		Hexagon Socket Size	Key Engagement	Wall Thickness	Under head Fillet		Maximum Standard Length	
		Max.	Min.	Max.	Min.	Nom.	Min.	Min.	Transition Diameter	Juncture Radius		
						Nom.	Min.	Min.	Max.	Min.	Min.	Nom.
M3	0.5	5.70	5.40	1.65	1.43	2.0	1.04	0.20	3.60	3.20	0.10	12
M4	0.7	7.60	7.24	2.20	1.95	2.5	1.30	0.30	4.70	4.40	0.20	20
M5	0.8	9.50	9.14	2.75	2.50	3.0	1.56	0.38	5.70	5.40	0.20	30
M6	1	10.50	10.07	3.30	3.00	4.0	2.08	0.74	6.80	6.50	0.25	30
M8	1.25	14.00	13.57	4.40	4.05	5.0	2.60	1.05	9.20	8.80	0.40	40
M10	1.5	17.50	17.07	5.50	5.20	6.0	3.12	1.45	11.20	10.80	0.40	40
M12	1.75	21.00	20.48	6.60	6.24	8.0	4.16	1.63	14.20	13.20	0.60	60

Specification Requirements:

- Dimensions: See dimensions above
Meets requirements of ASME B18.3.4M and ISO 7380.
- Threads: 4g6g
- Material & Mechanical Properties: ASTM F835M and ISO 898-1 Class 12.9
- Finish: Black Oxide (Thermal or Chemical)
- Material Test Reports: The MTR must have documented lot traceability, including full chemical and mechanical figures, to the specification(s) above.