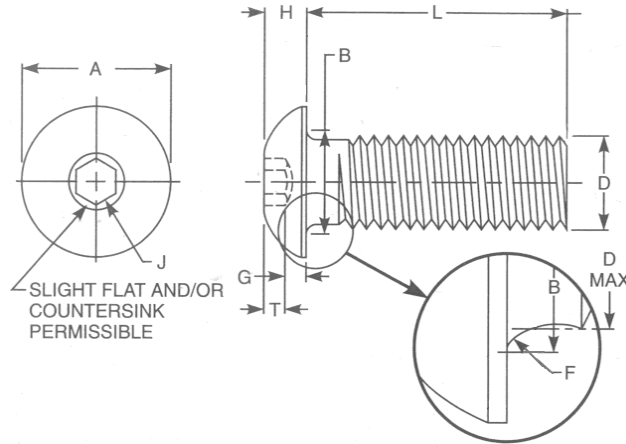




Metric, Button Head Socket Cap Screws, Class 12.9, Black Oxide, Manufactured in the USA

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	Thread Pitch	A		H		J	T	G	B		F	L
		Head Diameter		Head Height					Underhead Fillet			
		Max.	Min.	Max.	Min.				Transition Diameter	Juncture Radius		
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 Table Above, Fully Threaded
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, dimensional results, full chemical test results and full mechanical test results to the specification(s) above. In addition, the MTR shall be in full compliance with Fastenal's MTR Requirements.
- **Quality Assurance Provisions:** Category 3 of ASME B18.18