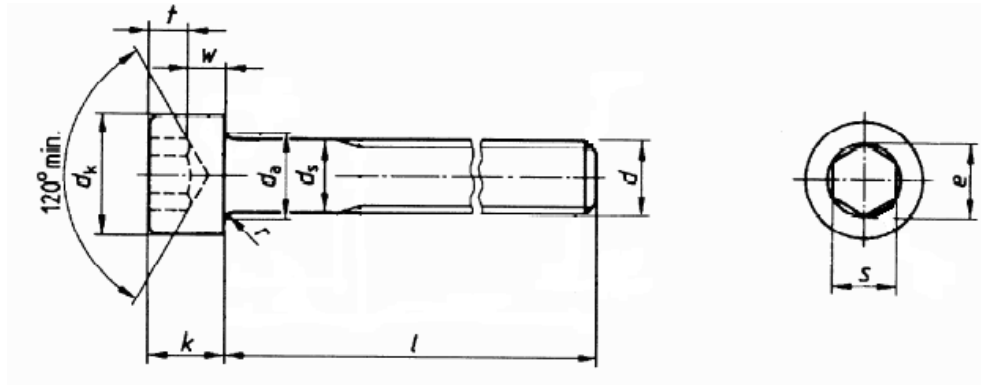




## Metric, Socket Head Cap Screws, Class 12.9, Black Oxide, Manufactured in the USA

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.



Diameter	dk		da	ds		k		e	s		r	t	w
	Max.	Min.	Max.	Max.	Min.	Max.	Min.	Min.	Max.	Min.	Min.	Min.	Min.
M2	3.98	3.62	2.60	2.00	1.86	2.00	1.86	1.73	1.545	1.520	0.1	1.0	0.55
M2.5	4.68	4.32	3.10	2.50	2.36	2.50	2.36	2.30	2.045	2.020	0.1	1.1	0.85
M3	5.68	5.32	3.60	3.00	2.86	3.00	2.86	2.87	2.56	2.52	0.1	1.3	1.15
M4	7.22	6.78	4.70	4.00	3.82	4.00	3.82	3.44	3.071	3.02	0.2	2.0	1.40
M5	8.72	8.28	5.70	5.00	4.82	5.00	4.82	4.58	4.084	4.02	0.2	2.5	1.90
M6	10.22	9.78	6.80	6.00	5.82	6.00	5.70	5.72	5.084	5.02	0.25	3.0	2.30
M8	13.27	12.73	9.20	8.00	7.78	8.00	7.64	6.86	6.095	6.02	0.4	4.0	3.30
M10	16.27	15.73	11.20	10.00	9.78	10.00	9.64	9.15	8.115	8.025	0.4	5.0	4.00
M12	18.27	17.73	13.70	12.00	11.73	12.00	11.57	11.43	10.115	10.025	0.6	6.0	4.80
M16	24.33	23.67	17.70	16.00	15.73	16.00	15.57	16.00	14.142	14.032	0.6	8.0	6.80
M20	30.33	29.67	22.40	20.00	19.67	20.00	19.48	19.44	17.23	17.05	0.8	10.0	8.60
M24	36.39	35.61	26.40	24.00	23.67	24.00	23.48	21.73	19.275	19.065	0.8	12.0	10.40
M30	45.39	44.61	33.40	30.00	29.67	30.00	29.48	24.15	22.275	22.065	1.0	15.5	13.10
M36	54.46	53.54	39.40	36.00	35.61	36.00	35.38	30.85	27.275	27.065	1.0	19.0	15.30

### Specification Requirements:

- Dimensions: ISO 4762
- Threads: 5g6g
- Material & Mechanical: ISO 898-1; Class 12.9
- Product Marking: Manufacturer's ID
- 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.