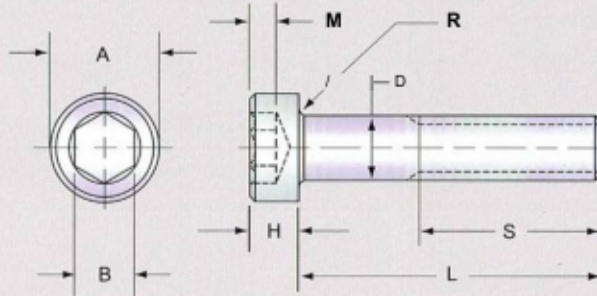


DIN 7984 : Hexagon Socket Low Head Cap Screws



Dimensions (mm)

Nom. Size	A	H	D	B	M	S (L ¹²⁵) min.	R min.	R. S. Torque (NM)
								10.9
M3	5.32- 5.50	1.86- 2.00	2.86- 3.00	2.020- 2.080	1.38- 1.62	12	0.10	1.15
M4	6.78- 7.00	2.66- 2.80	3.82- 4.00	2.520- 2.580	2.18-2.42	14	0.20	2.70
M5	8.28- 8.50	3.32- 3.50	4.82- 5.00	3.020- 3.080	2.58-2.82	16	0.20	5.40
M6	9.78-10.00	3.82- 4.00	5.82- 6.00	4.020- 4.095	2.88-3.12	18	0.25	9.15
M8	12.73-13.00	4.82- 5.00	7.78- 8.00	5.020- 5.140	3.65 - 3.95	22	0.40	22.0
M10	15.73-16.00	5.82- 6.00	9.78 -10.00	7.025- 7.175	4.35 - 4.65	26	0.40	44.0
M12	17.73-18.00	6.78- 7.00	11.73-12.00	8.025- 8.175	4.85-5.15	30	0.60	77.0
M14	20.67 -21.00	7.78- 8.00	13.73-14.00	10.025-10.175	5.15-5.45	34	0.60	122
M16	23.67-24.00	8.78- 9.00	15.73-16.00	12.032-12.212	5.35 - 5.65	38	0.60	190
M18	26.67 -27.00	9.78-10.00	17.73-18.00	12.032-12.212	6.32-6.68	42	0.60	262
M20	29.67-30.00	10.73-11.00	19.67-20.00	14.032 - 14.212	7.32 - 7.68	46	0.80	371

Notes :

1. Thread Class : 6g for property class 10.9.
2. Length Tolerance : See Table 2, Page 7.
3. R. S. Torque = Recommended Seating Torque.
4. Working Temperature : -50°C ~ + 300°C.

Mechanical Properties

Property Class	10.9
Hardness (HRC)	32-39
Tensile Strength (Mpa)	832 min.
Decarburization and Carburization (See Page 17)	E = 2/3H1

■ Typical Application Fixture

Low head socket cap screws are designed to be used where clearance is an issue or the mating parts are too thin for a standard socket head cap screw.

Due to the head design these parts should not be used in critical applications where high tensile strength is required.

