

Socket Head Cap Screw Torque Chart

Recommended dry torque for alloy and stainless socket head cap screws, metric sizes.

Size	Alloy steel (in-lb)	Stainless A2 (in-lb)
M3	19	9
M4	45	21
M5	91	42
M6	155	72
M8	377	175
M10	747	346
M12	1302	604

*Note: Alloy = ISO 12.9 (proof 970 MPa); stainless = A2-70
75% of proof x stress area. Stainless fasteners gall easily*

Reference values only — verify against the governing standard or manufacturer before use.