

M14 Hex Bolt Weight Chart (in kg)

M14 · 23 lengths × 14 sizes · g per piece · kg/1000 pcs · carbon steel 7.85 g/cm³ · GB/T 5782 partial thread

M14

GB/T 5782 · As 115 mm²

Length (mm)	Weight per piece (g) g / piece	Weight per 1,000 pcs (kg) kg / 1000 pcs
M14×10	34	34
M14×12	36	36
M14×16	40	40
M14×20	44	44
M14×25	49	49
M14×30	54	54
M14×35	59	59
M14×40	65	65
M14×45	71	71
M14×50	77	77
M14×60	89	89
M14×70	100	100
M14×80	110	110
M14×90	130	130
M14×100	140	140
M14×110	150	150
M14×120	160	160
M14×140	190	190
M14×160	210	210
M14×180	230	230
M14×200	260	260
M14×250	320	320
M14×300	380	380

Basis of Calculation

Carbon steel (density 7.85 g/cm³), GB/T 5782 partially threaded, coarse pitch, base-metal weight (coating excluded). Typical deviation within ±5% for standard parts; stainless 304/316 scale by density 7.93/7.98 (≈ +1.0%/+1.7%). Use measured values for trade settlement.

References

- GB/T 5782-2016 — Hex head bolts (CN national standard, official full text; aligns with ISO 4014 series) — https://openstd.samr.gov.cn/bzgk/gb/std?std_no=GB%2FT%205782-2016
- Hex head bolt dimensions (ISO 4014 series)
- GB/T 192-2003 — General purpose metric screw threads: basic profile (CN, official full text; ISO 68-1 equivalent) — https://openstd.samr.gov.cn/bzgk/gb/std?std_no=GB%2FT%20192-2003
- Metric thread basic profile (ISO 68-1)
- Dimensions cross-checked against industry fastener data libraries; densities are common industry values

Disclaimer: This chart is an engineering estimation. Values are provided for selection, quotation and freight estimation only and do not constitute design or acceptance criteria.

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