

M36 Hex Bolt Weight Chart (in kg)

M36 · 23 lengths × 14 sizes · g per piece · kg/1000 pcs · carbon steel 7.85 g/cm³ · GB/T 5782 partial thread

M36

GB/T 5782 · As 817 mm²

Length (mm)	Weight per piece (g) g / piece	Weight per 1,000 pcs (kg) kg / 1000 pcs
M36×10	490	490
M36×12	500	500
M36×16	530	530
M36×20	550	550
M36×25	590	590
M36×30	620	620
M36×35	660	660
M36×40	690	690
M36×45	730	730
M36×50	760	760
M36×60	830	830
M36×70	900	900
M36×80	970	970
M36×90	1000	1000
M36×100	1100	1100
M36×110	1200	1200
M36×120	1300	1300
M36×140	1400	1400
M36×160	1600	1600
M36×180	1800	1800
M36×200	1900	1900
M36×250	2300	2300
M36×300	2700	2700

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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