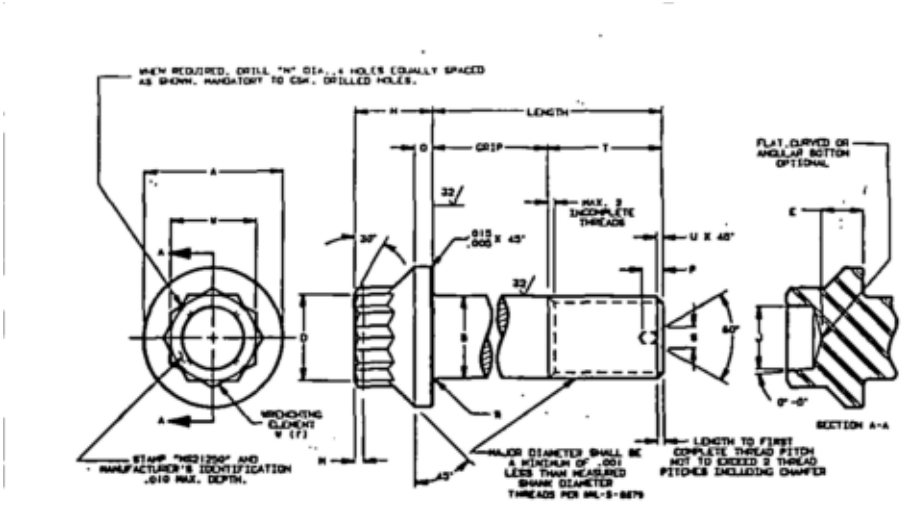
MS21250-14048

12-Point External-Wrenching Flange Bolt · 180 KSI · .8750-14

SPECIFICATIONS

Standard	MS21250 Rev L (1989) → NASM21250; procurement per MIL-B-8831
Thread	.8750-14 UNJF-3A, rolled, per MIL-S-8879
Grip Length	3.000 in (±.010)
Overall Length	4.389 in (±.015)
Head Diameter (A)	1.428 – 1.438 in
Shank Diameter (B)	0.8730 – 0.8740 in
Flange Diameter (W)	0.9375 in
Head Height (H)	0.808 in
Thread Length (T)	1.244 in ref
Ultimate Tensile Strength	180,000 – 200,000 psi
Double Shear Strength	129,900 lbf
Tensile Strength (min)	97,100 lbf
Material	AISI 4340 alloy steel (4140/8740/6150 alternates)
Hardness	HRC 39–43
Finish	Cadmium plate + chromate, QQ-P-416 Type II Class 2
Head Marking	MS21250 + manufacturer code
FSC	5306 (Bolts)
NSN	5306-00-463-0230
ECCN	EAR99 · Schedule B 7318.15.8085



NOTES

1. Dimensions apply after plating. General tolerances ±.010 in, angles ±2°.
2. Made to order at Kunshan Dongluo Hardware Products Co., Ltd. — lead time 4 weeks, no MOQ on standard sizes.
3. Every lot ships with CoC, mill material report (heat-lot traceable) and dimensional inspection report; FAI on request.
4. No drilled-head variant in this diameter group. Same-group grips 2.125–3.000 in available.
5. DDP delivery worldwide — US import duty and Section 301 tariffs included in quoted price.