

7.62 mm M13 Disintegrating Belt Links

CAPABILITY SHEET · MANUFACTURE & SUPPLY · IN SERVICE

THE PRODUCT

WHAT	NATO-pattern M13 push-through disintegrating metallic belt link for 7.62x51 mm ammunition - joins rounds into continuous belts for the MAG / GPMG class of machine guns; releases each round cleanly as the weapon feeds.
STATUS	In service - volume supply programme for the Indian Navy in six-figure quantities, with stage-wise inspection witnessed by the naval inspection authority.
FORMAT	Loose links for machine belting, or assembled belts to the customer's ball / tracer mix. Marked M13 with approved monogram; lot-marked packaging with rust-preventive protection.

STANDARDS

GOVERNING	Indian MoD Specification CIA 4204 - successor to US MIL-L-45403 (NATO-pattern M13).
MATERIAL	Cold-rolled bright annealed spring steel to IS 2507 - certified and independently verified through NABL-accredited laboratories, lot-wise.
FINISH	Heavy phosphate to JSS 0465-01 class with supplementary rust-preventive finish.
SAMPLING	DEF-131A acceptance sampling - tightest levels on critical functional characteristics; 100% screening on any critical defect.

QUALIFICATION - EVERY LOT

LOAD TEST	Assembled belt held under the specified sustained tensile load - no separation, permanent set, or release.
FREE HINGE	Full belt length must articulate freely without binding, grabbing, or freezing.
GAUGING	100% inspection of every controlled dimension with dedicated plug, pin, and slip gauges - all NABL-calibrated.
HARDNESS	Vickers-verified spring temper on random links from every heat-treated lot; coating mass checked every shift; 24-hour salt-droplet spray endurance.
LIVE FIRE	Belted with live ball and tracer and fired in service 7.62 mm machine guns - zero stoppages on record, every fired link recovered intact.

SUPPLY

CAPACITY	Lakh-scale annual output on current tooling; expandable with additional press tooling sets. Delivery schedule committed at proposal stage.
SCOPE	Empty metallic components only - links, not filled ammunition. Firing trials under the service's authority. 5.56 mm (M27) and 12.7 mm patterns engineered to order.
EXPORT	To authorised government customers, subject to GoI authorisation and end-user certification - managed as part of the programme.

DEFENCE PROGRAMMES DESK

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This sheet contains no controlled specification data. Detailed acceptance parameters are provided to authorised customers against the governing specification. (c) Neometrix Defence Limited.