

# LIFTING MAGNET TML 250

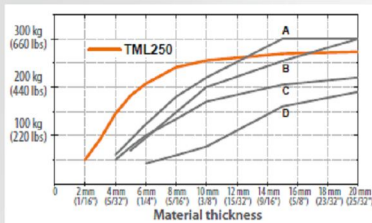
- 1 Only 3.5 kg (7.7 lbs) dead weight
- 2 Max. load-bearing capacity: 250 kg (550 lbs) (with 3:1 safety factor)
- 3 360° rotatable and 180° pivotable load swivel
- 4 One-handed operation ('inside' steel beam possible)



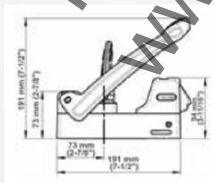
MADE IN GERMANY  
US Patent No. 8350663B1

- Up to 250 kg (550 lbs) load-bearing capacity from a material thickness of 10 mm (3/8") and 90 kg (195 lbs) from just 3 mm (1/8") material thickness on steel S235 plus 3:1 safety factor (i.e. the force that leads to the breakaway of the metal sheet must represent triple the maximum holding force)
- Outstanding performance on thin-walled materials
- Up to 70 % less dead weight with at least the same performance in contrast to conventional magnets
- Easy activation with minimal effort due to the ergonomic activation lever
- Innovative operational concept allowing for an enlarged operating range
- 360° rotatable and 180° pivotable load swivel
- Wear-resistant magnetic contact area made of hardened steel with TIN-coating preventing damages and guaranteeing a long lifetime

- Technical data TML 250:
- Dead weight: 3.5 kg (7.7 lbs)
  - Breakaway force: > 750 kg (1,653 lbs) on 10 mm (3/8") steel S235
  - Max. load-bearing capacity: 250 kg (550 lbs) (with 3:1 safety factor)
  - Length: 240 mm (9-7/16") (closed lever), width: 91 mm (3-9/16"), height: 191 mm (7-1/2") (opened lever)
  - Magnetic contact area: length: 95 mm (5-5/16"), width: 65 mm (2-9/16")



- Competitors:
- A: 300 kg (660 lbs) Permanent magnet; 9 kg (19.8 lbs) Dead weight
  - B: 300 kg (660 lbs) Permanent magnet; 11 kg (24.2 lbs) Dead weight
  - C: 250 kg (550 lbs) Permanent magnet; 10 kg (22 lbs) Dead weight
  - D: 250 kg (550 lbs) Permanent magnet; 10 kg (22 lbs) Dead weight



Prod.-No.

ALFRA TML 250

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