ABREX 400

Abrasion-resistant steel plate

EQUIVALENT GRADES

India (IS)	IS 18809 ISAR 400 (nearest) | AM/NS Rockstar 400
Europe (EN)	ABREX 400 (Nippon Steel)
China (GB)	NM400 (nearest)

CHEMICAL COMPOSITION (WEIGHT %)

C max 0.21	**Si** max 1.20	**Mn** max 2.00	**P** max 0.025
S max 0.010	**Ni** max 1.00	**Cr** max 1.20	**Mo** max 0.60
B max 0.005			

PROPERTIES

Mechanical (typical)	360–440 HBW (target 400) | typical Yield 1025 MPa | Tensile 1259 MPa (25 mm)
Density	7.85 g/cm3 (7,850 kg/m3)
Typical uses	Mostly used for buckets, liners, chutes, crusher and mining wear parts
Notes	Thickness 6–100 mm. Pcm max 0.30 (max 25 mm), max 0.35 (thicker). Nippon Steel is the partner in AM/NS India.

SUPPLY

Enquiry	Send grade, product form, size, quantity and delivery location for a quotation. Mill test certificates as per order.
Online	Equivalents, full chemistry by standard and weight calculator: https://steelimp.com/abrex-400-equivalent-grades

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Reference values compiled from published standards. Confirm against the governing standard, product form and the mill test certificate. Generated 13 Nov 2026.