NM400 (GB/T 24186)

Abrasion-resistant steel plate

EQUIVALENT GRADES

India (IS)	IS 18809 ISAR 400 (nearest) | AM/NS Rockstar 400 | JSPL Rockhard 400
USA (ASTM / AISI / SAE)	AR400 (nearest)
Europe (EN)	Hardox 400 (SSAB, nearest)
China (GB)	NM400 (GB/T 24186-2022)

CHEMICAL COMPOSITION (WEIGHT %)

C **max 0.30**	Si **max 0.70**	Mn **max 1.60**	P **max 0.025**
S **max 0.010**	Cr **max 1.20**	Ni **max 0.70**	Mo **max 0.50**
Ti **max 0.050**	B **0.0005–0.006**	Al **min 0.010**	

PROPERTIES

Mechanical (typical)	Surface 370–430 HBW | Tensile min 1200 MPa | Elongation min 10% (transverse, by agreement)
Density	7.85 g/cm3 (7,850 kg/m3)
Typical uses	Mostly used for tipper bodies, buckets, liners and chutes
Notes	Chinese national standard grade. Chinese mills (for example Baowu/Baosteel, Ansteel/Yingkou, HBIS Wuyang and Tangshan, Valin Xiangtan, Xinyu and Nanjing Steel) supply wear plate to GB/T 24186 NM grades, often under their own brand names. NM400 is the most traded Chinese wear plate and the usual alternative to Hardox 400. Residuals Cu max 0.30, As max 0.08. D and E sub-grades add impact testing at -20 °C and -40 °C.

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/nm400-equivalent-grades

Steel Impex India
231/235 Chouhan House, 2nd Kumbharwada Lane, Sant Sena Maharaj Marg, Mumbai, Maharashtra 400004, India

Tel: +91 95946 66986
sanjay@steelimp.com
Enquiry: steelimp.com/quote.php

Reference values compiled from published standards. Confirm against the governing standard, product form and the mill test certificate. Generated 12 Nov 2026.