



NM400 wear-resistant steel plate

NM400 wear-resistant steel plate is an abrasion resistant plate with a hardness of 400 HBW, intended for applications where demands are imposed on abrasion resistance in combination with good cold bending properties. NM400 wear-resistant steel plate offers very good weldability.

The application of NM400 wear-resistant steel plate

GBT 24186 NM400 wear-resistant steel plates are widely used in thermal power plant and coal yards.

NM400 wear-resistant steel plate Chemical Composition											
Plate	C	Si	Mn	P	S	Cr	Ni	Mo	B	CEV	CET
thickness mm	max %	max %	max %	max %	max %	max %	max %	max %	max %	typv	typv
3- (8)	0.15	0.7	1.6	0.025	0.01	0.3	0.25	0.25	0.004	0.33	0.23
8-20	0.15	0.7	1.6	0.025	0.01	0.5	0.25	0.25	0.004	0.37	0.27
(20) -32	0.18	0.7	1.6	0.025	0.01	1	0.25	0.25	0.004	0.48	0.29
(32) -45	0.22	0.7	1.6	0.025	0.01	1.4	0.5	0.6	0.004	0.57	0.31
(45) -51	0.22	0.7	1.6	0.025	0.01	1.4	0.5	0.6	0.004	0.57	0.38
(51) -80	0.27	0.7	1.6	0.025	0.01	1.4	1	0.6	0.004	0.65	0.41
(80) -130	0.32	0.7	1.6	0.025	0.01	1.4	1.5	0.6	0.004	0.73	0.48

Plate thickness below 4 mm only after special agreement

$$CEV = C + Mn/6 + (Cr + Mo + V)/5 + (Cu + Ni)/15$$

$$CET = C + (Mn + Mo) / 10 + (Cr + Cu) / 20 + Ni / 40$$

Mechanical properties of NM400 wear-resistant steel plate					
Grade	Mechanical Property			Charpy V Impact Test	
	Yield	Tensile	Elongation	Degree	longitudinal
NM 400	Min Mpa	Mpa	Min %	-40	J
	1000	1250	10		45

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Katalor enterprises will use our professional services, best quality and competitive price to fulfill each customer's needs in NM400 wear-resistant steel plate. More information about NM400 wear-resistant steel plate price, please feel free to contact us, we will always do our best to help you.



specialized in manufacturing and exporting steel and casting product. Based on the domestic rich product resources and professional research on international market, Katalor's service has already spread many countries in Europe, America, Southeast Asia, Middle East, South America, Africa, and so on.

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