



RAEX 450 wear-resistant steel plate

RAEX 450 is a high-strength, wear-resistant steel with favorable hardness and impact toughness. RAEX 450 wear-resistant steel plate can help extend the lifespan of machinery, decrease wear in structural components and save costs. RAEX 450 wear-resistant steel plate also enables innovative design and lightweight products improving energy efficiency.

The application of RAEX 450 wear-resistant steel plate

RAEX 450 wear-resistant steel plate's Applications include buckets and containers, cutting edges for earthmoving machines, wearing parts for mining machines, wearing parts for concrete mixing plants and wood processing machines, platform structures, and feeders and funnels.

RAEX 450 wear-resistant steel plate Dimension

USED FOR	DIMENSIONS	STANDARDS
Wear Resistant	T: 2.5 - 80 mm	EN 10163-2
	W: Up to 3200 mm	EN 10051
	L: Up to 12000 mm	EN 10029

RAEX 450 wear-resistant steel plate Mechanical Properties

Product	Thickness (mm)	Width (mm)	Length (mm)	Hardness (HBW)	Typical yield strength Rp0.2 (MPa)	Typical tensile strength Rm (MPa)	Typical elongation A (%)
Sheet	2.50 - 8.00	1000 - 1700	2000 - 12000	420 - 500	1250	1450	9
Plate	6.50 - 40.00	1800 - 3200	2000 - 12000	420 - 500	1200	1450	9

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Plate	40.01 - 60.00	2000 - 2500	4000 - 9500	420 - 500	1250	1450	9
Plate	60.01 - 80.00	2000 - 2500	4000 - 6900	420 - 500	1250	1450	9

RAEX 450 wear-resistant steel plate Chemical Composition (ladle analysis)

Product	C (max %)	Si (max %)	Mn (max %)	P (max %)	S (max %)	Cr (max %)	Ni (max %)	Mo (max %)	B (max %)
Plate	0.26	0.80	1.70	0.025	0.015	1.50	1.00	0.50	0.005
Sheet	0.23	0.50	1.60	0.025	0.010	1.20	1.00	0.25	0.005

Shanghai Katalor Enterprises Co., Ltd is a standard company specialized in producing and exporting RAEX 450 wear-resistant steel plate. We have our own RAEX 450 wear-resistant steel plate factory and if you need the RAEX 450 wear-resistant steel plate, we can manufacture for you. If you need the competitive RAEX 450 wear-resistant steel plate price, please don't hesitate to contact with our sales person.

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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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