



EN 10208-2 L 450MB steel plate/pipes for large diameter pipes

L 450MB steel plate/pipes, under EN 10208-2 standard, we can regard L 450MB steel plate/pipes as large diameter pipes.

L 450MB steel plate/pipes is one mainly of Steel for large diameter pipes,EN 10208-2 L 450MB steel pipes/plate is a higher strength, tough, weldable steel for applications in the oil and gas industry. L450MB Flange Steel meets fully the mechanical property requirements of the EN 10208-2 L 450MB line pipe specifications whilst maintaining a high degree of toughness and weldability.

L450MB EN10208-2 Material#1.8975	Comparison of steel grades	
	DIN 17172	StE 445.7TM
	API5L	X 65

Chemical composition-% by mass*

Grades	Material number	C max	Si max	Mn. mix	P max	S max
L450MB	1.8975	0.04-0.16	0.55	1.00-1.60	0.035	0.035

Mechanical properties

Grade	Permissible yield point ratio	Yield Strength MPa(min)	Tensile Strength MPa	Elongation % (min)
L450MB	≤ 0.85	440	560 - 710	-

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