

Hot Strip and Plate Mill Rolls

1. ICDP Rolls

Chemistry and Surface Hardness

Classification	Chemistry								Barrel Hardness(HSD)
	C	Si	Mn	P	S	Cr	Ni	Mo	
NiCrMo ICDP III	2.90-3.60	0.60-1.20	0.40-1.20	≤0.25	≤0.05	0.70-1.20	2.01-3.00	0.20-0.60	65-78
Hi-NiCrMo ICDP IV	2.90-3.60	0.60-1.50	0.40-1.20	≤0.10	≤0.05	1.00-2.00	3.01-3.50	0.20-0.60	70-83
	2.90-3.60	0.60-1.50	0.40-1.20	≤0.10	≤0.05	1.00-2.00	3.51-4.0	0.20-0.60	70-83
	2.90-3.60	0.60-1.50	0.40-1.20	≤0.10	≤0.05	1.00-2.00	4.01-4.80	0.20-1.00	70-83
Hi-NiCrMo ICDP V	2.90-3.60	0.60-1.50	0.40-1.20	≤0.10	≤0.05	1.00-2.00	4.01-4.80	0.20-2.00	77-85



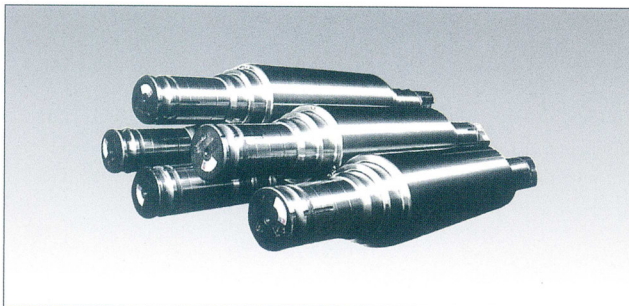
Microstructure



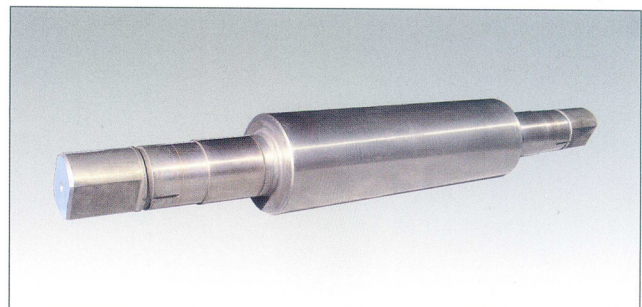
Microstructure

Mechanical Property

Neck Hardness(HSD)	32-45
Tensile Strength(N/mm ²)	≥350



ICDP Rolls



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