

UNDERCARRIAGE PARTS

TRACK SHOE

Our heat treated Track Shoes are manufactured from TM252 Boron Steel and through hardened to hardness of **HRC44** to **HRC51**. Chemical Compositions and Mechanical Properties for TM252 Boron Steel are as follow,

TM252 Boron Steel Chemical Composition TM252 硼钢合金耐磨材料成份	
Descriptions 描述	Composition Distribution 材料成份%
Carbon 碳 (C)	0.230 to 0.280
Silicon 硅 (Si)	0.150 to 0.350
Manganese 锰 (Mn)	1.000 to 1.300
Phosphorous 磷 (P)	≤0.025
Sulphur 硫 (S)	≤0.015
Chromium 铬 (Cr)	0.100 to 0.350
Nickel 镍 (Ni)	≤0.250
Copper 铜 (Cu)	≤0.300
Boron 硼 (B)	0.0005 to 0.0030

TM252 Boron Steel Mechanical Properties TM252 硼钢合金耐磨材料机械物理性能	
Descriptions 描述	Properties Analysis 机械物理性能
Tensile Strength 抗拉强度 R_m	≥ 1,373MPa
Offset Yield Strength 规定塑性延伸强度 $R_{p0.2}$	≥ 1,177MPa
Elongation 延伸率 A ; L = 5d	≥ 10%
Impact 冲击力 AK_u (+20°C)	≥ 68.6 J/cm ²

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Maker	MODEL	P/N
Cat	D3B	6Y1329
Cat	D4E	2063518
Cat	D6D	6Y6292
Cat	D6N	1061613
Cat	D7E	3P0616
Cat	320	1265062
Cat	325	1265064
Cat	330F	1265066
Cat	349F	1504770
Komatsu	PC120	203-32-51461
Komatsu	PC200-8	206-32-61110
Komatsu	PC300-7	207-32-61110
Komatsu	PC400-8	208-32-51510
Komatsu	PC650	209-32-11720