

高抗疲劳特性精密钢带

Precision steel strip with high fatigue resistance

依托日本安来工厂的高精度加工技术和中国的短交期服务
为客户提供高质量产品的同时满足国内客户快速响应的要求

Relying on Japan's Yasugi high-precision processing technology and China's short-term delivery service, we provide customers with high-quality products while meeting the rapid response requirements of domestic customers



其它

概要

适用于对材料的耐疲劳特性要求高，即使是在
严苛的工作环境下仍能保持材料特性的情况

Suitable for materials where fatigue resistance properties are required, even in the field

Maintaining material properties in harsh operating environments

用途

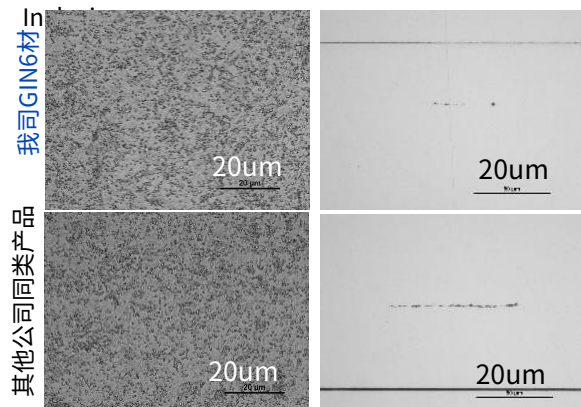
燃油车、NEV空调压缩机阀片
家用空调、冰箱压缩机阀片
其他高精度、高硬度、高抗疲劳强度部品

Gasoline vehicles, NEV air conditioning compressor valves,
Household air conditioning compressor valves
Other parts with high precision, high hardness and high fatigue strength

特点

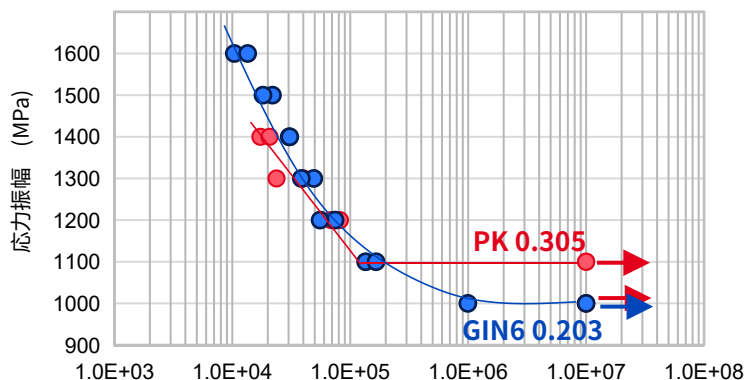
非金属夹杂物少

Low Non-metallic



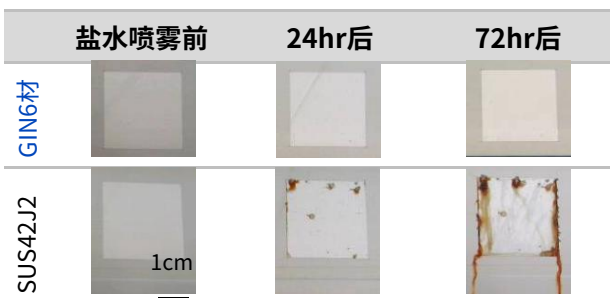
高抗疲劳特性

High fatigue resistance



高耐腐蚀性

High Corrosion Resistance



机械特性

Mechanical properties

钢种	硬度 / HV	抗拉强度 / MPa
PK	535 - 605	1830 - 2020
GIN6	510 - 570	1710 - 1910
GIN6-H※	560 - 640	1870 - 2150

※GIN6-H:

变更GIN6的热处理条件改善强度、疲劳特性的钢种

Change the heat treatment conditions of GIN6 to improve the strength and fatigue properties of steel grades

主要钢种以及化学成分

Chemical Composition

钢种	C	Si	Mn	P	S	Cr	Mo
PK	0.90-1.05	0.15-0.35	0.30-0.50	≤0.030	≤0.006	-	-
GIN6	0.37-0.43	0.20-0.50	0.20-0.50	≤0.025	≤0.020	13.00-14.00	1.15-1.35
GIN6-H※							

注) 本资料记载的数值均为代表值、并非保证值。

Note) Typical values are listed and may be different from the values of the actual product.