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NAK55

类型: 高级塑胶模具钢。

Type: Plastic mold steels.

化学成分 (Chemical Compositions):

	C碳	Si硅	Mn锰	Cu铜	Al铝	Ni镍	Cr铬	S硫	Mo钼	V钒	Co钴
%	0.15	0.3	1.5	1.0	1.0	3.0	—	0.1	0.3	—	—

交货状态 (Delivered Condition):

预硬钢: HRC37~43

Hardened: HRC37~43

特性 (Features):

具有极好的被削性能。

镜面加工性能佳。

具有高的硬度、耐磨性和耐压性, 模具寿命增加。

模具硬度均匀, 适合于高精度模具和蚀花加工面。

Excellent shaved properties.

Excellent Cutting properties.

Has high hardness, wear resistance and Pressure, and increased mold life.

Die uniform hardness, suitable for Die precision machining and surface corrosion flowers.

用途 (Applications):

通用塑胶模具钢, 可用于高精度镜面模具, 如摄像机、音乐、化妆容器、透明罩类、透明胶片、精密皱纹加工模具、办公自动化设备、汽车零件放电加工等模具。

Generic plastic mold steel, can be used for high-precision equipment, such as cameras, music, cosmetics containers, transparent covers categories, transparent films. Precision wrinkles processing equipment, office automation equipment, auto parts and other EDM die, etc.

物理特性 (Physical data):

温度 °C (基准: 20°C)	100	200	300
热膨胀系数 $1/^\circ\text{C} \times 10^{-6}$	11.3	12.5	13.4

温度 °C	20	100	200	300
热传导系数 W/m·°C	38.9	39.3	41.9	42.7

热处理 (Heat treatment):

预硬钢, 无需热处理(HRC37~43).

Hardened. No heat treatment is necessary (HRC37~43).



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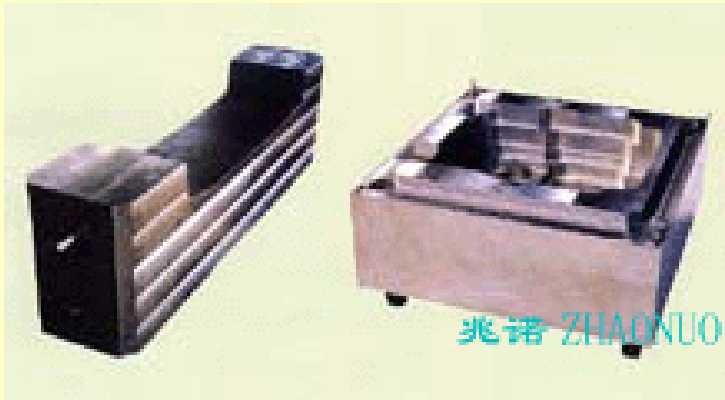
图例 (Pictures):

回火曲线图 (Tempering temperature--Hardness):

预硬钢, 无需热处理(HRC37~43).

Hardened. No heat treatment is necessary (HRC37~43).

应用实例图 (Application plans):



注意: 本文档部分资料来自厂家, 若有疑问, 请与我司联系。

Notice: Some of the information in this file from the manufacturers, if in doubt, please contact our company.