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FDAC

类型:

- i. 易削性热作工具钢;
- ii. 高硬塑料模具钢。

Type:

- i. Free-cutting hot-working tool steel.
- ii. Hard plastic mould steels.

化学成分 (Chemical Compositions):

	C碳	Si硅	Mn锰	P磷	S硫	Ni镍	Cr铬	W钨	Mo钼	V钒	Co钴
%	0.39	1.00	0.65	≤0.030	≤0.130	—	5.15	—	1.40	0.55	—

交货状态 (Delivered Condition) :

预硬钢: HRC38~42

Hardened: HRC38~42

特性 (Features):

- i. 属于预硬钢, 被削性能好;
- ii. 属于预硬钢, 无须热处理 (38~42HRC), 具有良好耐磨损性和韧性。耐磨蚀性好, 氮化硬化特性良好。
- i. Free cutting and fully hardened steel, good nitriding characteristics.
- ii. No heat treatment is necessary. (38~42HRC). High wear resistance and toughness. High abrasion resistance. High hardness obtained by nitriding.

用途 (Applications) :

- i. 适用于热作模, 如铝、镁、锌、铜合金等压铸模;
- ii. 滑动零部件、各种工程树脂制品, 也应用在高硬塑胶模具中, 如发动机模具等, 具有加工后不需要淬火及不变形之特点, 宜制精密铸模或紧急需要时短时间内能制模之优点。
- i. Applies to Hot models, such as aluminum, magnesium, zinc, copper alloy Die Casting, etc.
- ii. Slide parts, Pin. Engineering resin products, etc.

热处理 (Heat treatment):

预硬钢, 无需热处理。(38~42HRC)

Hardened. No heat treatment is necessary. (38~42HRC) .

图例 (Pictures):

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



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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.