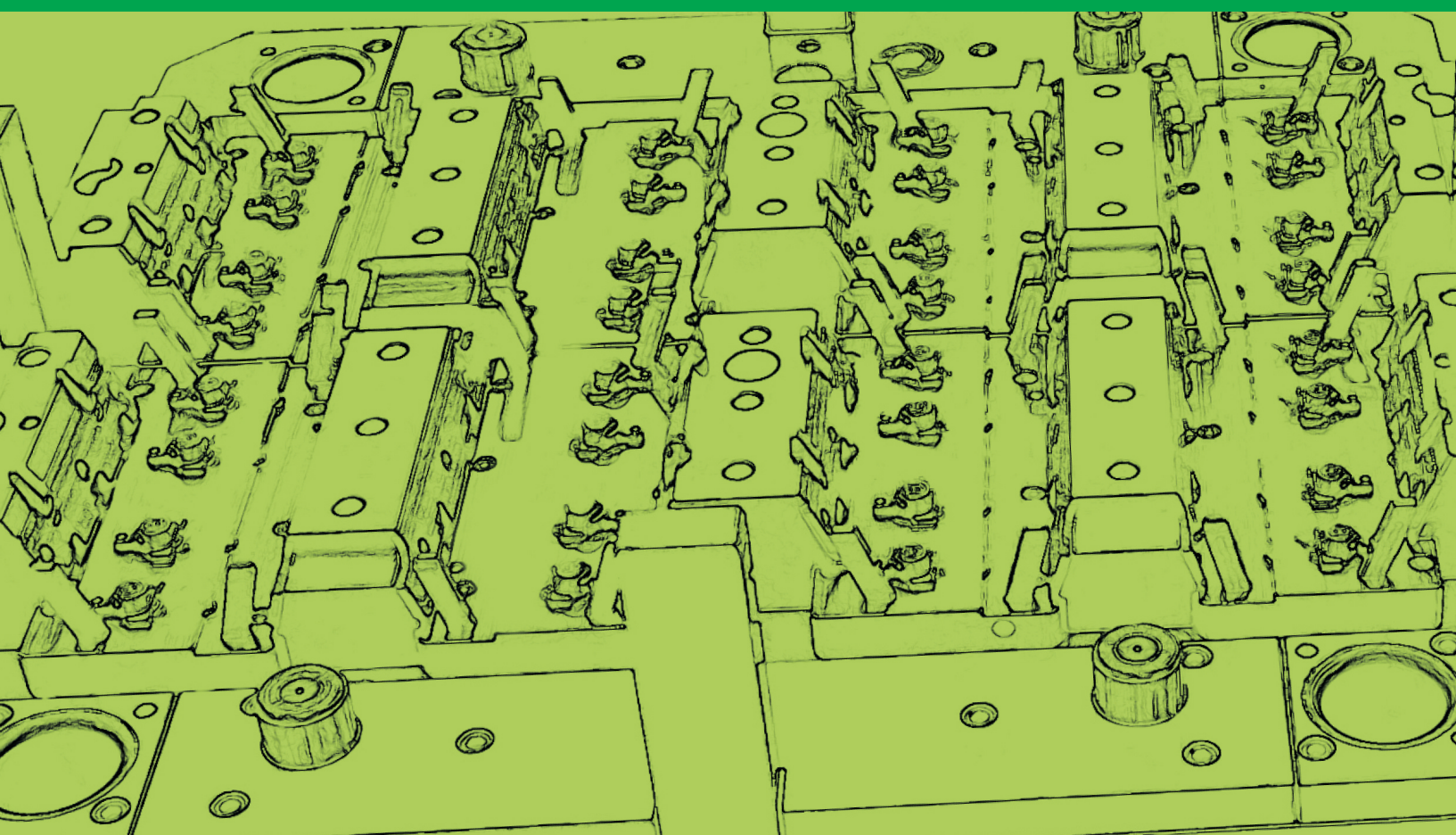




LKM 738H

塑胶模具钢

Plastic Mould Steel

➤➤ 硬度均匀 Uniform Hardness

➤➤ 预硬材料 Prehardened Steel

➤➤ 中大型模具 Medium to Large Size Plastic Injection Mould

LKM 738H 简介 Introduction

LKM 738H 经过龙记集团严格的品质系统检测，包括硬度、化学成分、超声波检测、金相分析等多项指标。LKM 738H 凭借其优质而稳定的品质赢得广大客户认可。

LKM 738H are subject to the strict LKM's internal IQC procedures including hardness test, chemical composition analysis, ultrasonic test and metallographical analysis. With their high and reliable quality, LKM 738H are recognized by our customers in extensive areas.

供货状态(原材表面硬度) Delivered Hardness From Steel Mill (Measured at Surface)

LKM 738H

预硬至HB330-380 (HRC35-41)
Prehardened to HB330-380 (HRC35-41)

参照标准

- Q AISI P20 改良型
- Q W.Nr 1.2738

Comparable Standard

- Q AISI P20 Modified
- Q W.Nr 1.2738

应用

- ✓ 大型汽车模具
- ✓ 大型家电及家品

Application

- ✓ Large automotive molds
- ✓ Large home appliance and houseware

物理性能 Physical Properties

温度 (°C) Temperature	20-100	20-200	20-300	20-400	20-500	20-600	20-700
热膨胀系数 [10 ⁻⁶ m/(m x K)] Coefficient of Thermal Expansion	11.1	12.9	13.4	13.8	14.2	14.6	14.9

温度 (°C) Temperature	20	350
热传导率 [W/ (m x K)] Thermal Conductivity	35.5	33.2

纯洁度 Purity

A (硫化物类) Sulfide Type	B (氧化铝类) Alumian Type	C (硅酸盐类) Silicate Type	D (球状氧化物类) Globular Oxide Type
≤ 1.5	≤ 2.0	≤ 2.0	≤ 2.0

超声波检测

SEP 1921 - Test Group 3 , Class E/e

Ultrasonic Testing

SEP 1921 - Test Group 3 , Class E/e

焊接处理

- 焊接前预热温度：350℃
- 焊接使用专用焊枝（LKM牌号Z04-P07-XX）
- 焊后在550℃作去应力处理

Welding

- Preheating temperature: 350℃
- Welding rod: LKM Z04-P07-XX
- Stress relieving temperature after welding: 550℃

表面处理

可以通过氮化、镀铬或PVD等表面处理提高模具表面的硬度，延长模具的使用寿命

Surface Treatment

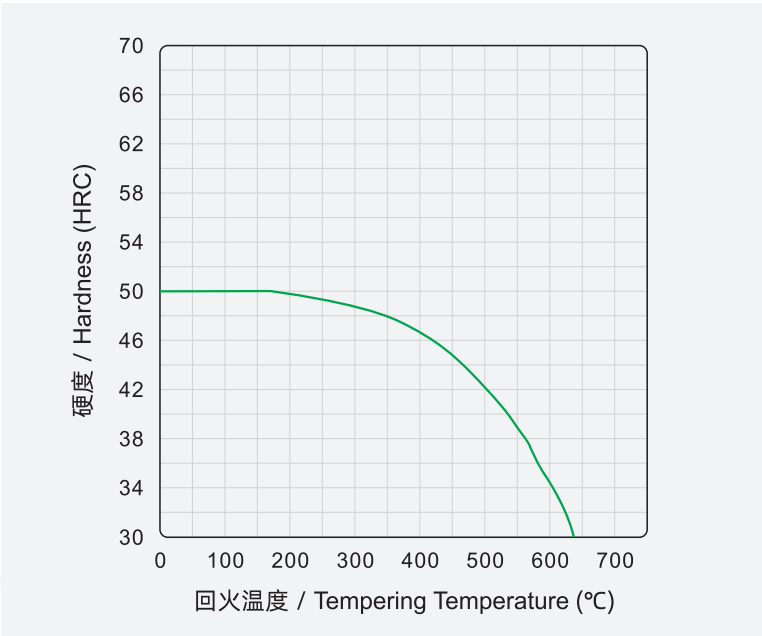
Suitable for all nitriding processes, hard chromium plating and PVD coating to increase surface hardness and improve mould life.



热处理工艺 Heat Treatment

锻造 Forging	软性退火 Annealing	淬硬 Quenching	回火 Tempering
1050 ~ 800℃	710 ~ 740℃	850 ~ 880℃	560 ~ 680℃

回火图（试样尺寸：Ø25 × 50mm；油淬温度：880℃）
Tempering Curve (Sample dimension: Ø25x50mm; Quenched at 880℃ by Oil)



集团总公司 (HEAD OFFICE)

龙记五金有限公司

LUNG KEE METAL LTD

中国香港新界沙田安群街一号京瑞广场15楼A室
Unit A, 15/F, Kings Wing Plaza 2, 1 On Kwan Street,
Sha Tin, New Territories, Hong Kong, China
电话 Tel : (852) 2342 2248 传真 Fax : (852) 2341 8544

河源龙记金属制品有限公司

HEYUAN LUNG KEE METAL PRODUCTS CO LTD

中国广东省河源市高新技术开发区龙记大道
Long Ji Da Dao, Hi-tech Development Zone, Heyuan,
Guangdong Province, China
电话 Tel : (86) 0762-3210 502 传真 Fax : (86) 0762-3210 501

杭州龙记金属制品有限公司

HANGZHOU LUNG KEE METAL PRODUCTS CO LTD

中国浙江省杭州市萧山区杭州江东工业园区江东三路7711号
7711 Jiangdong 3rd Road, Hangzhou Jiangdong Industrial Park,
Xiaoshan District, Hangzhou, Zhejiang Province, China
电话 Tel : (86) 0571-8213 3283 传真 Fax : (86) 0571-8213 3280

网址 : WWW.LKM.COM.CN

电邮 : LKMSALES@LKM.COM.HK



官方网站
Official Website



官方公众号
WeChat Official
Account