

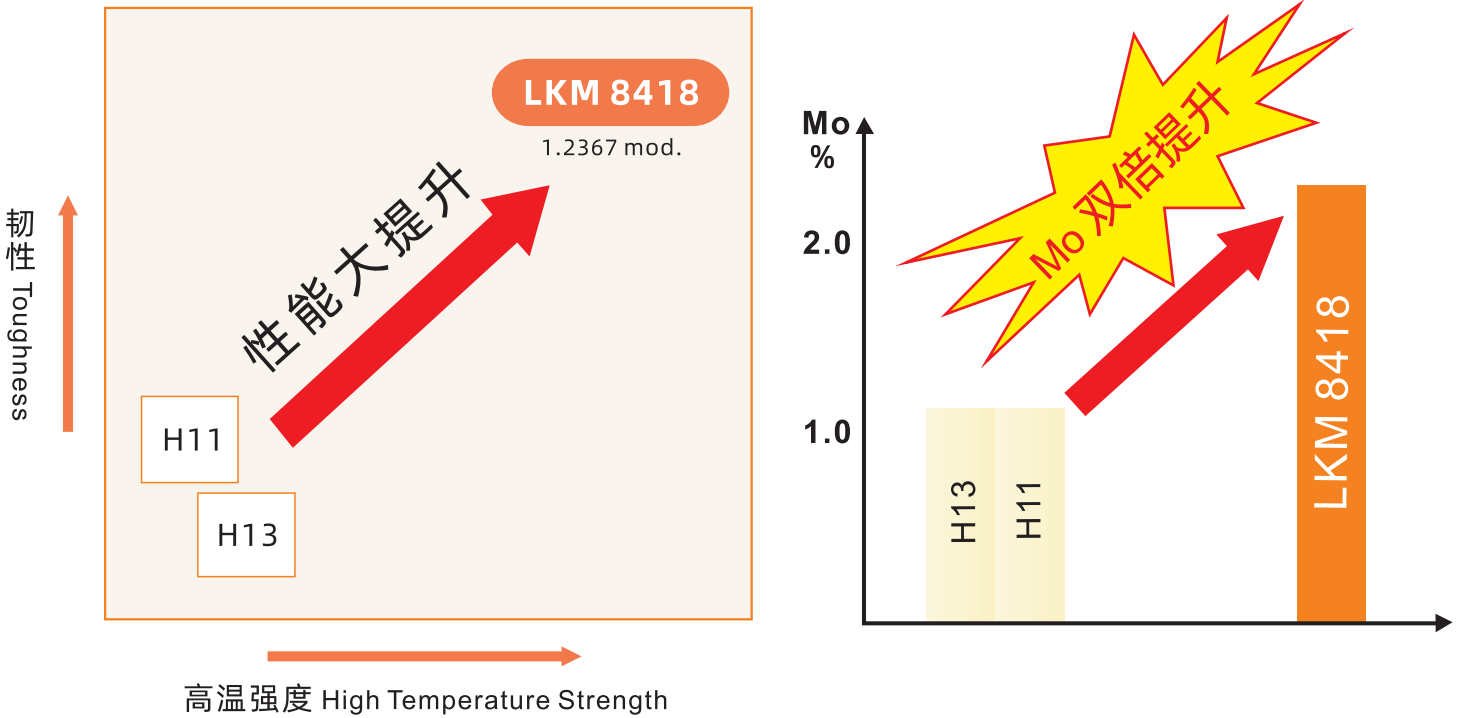
LKM 8418

高性能热作模具钢

High Performance Hot Work Die Steel

- ▶▶ 极佳的韧性
Excellent toughness
- ▶▶ 极高的抗热疲劳/热龟裂性
Extremely high thermal fatigue resistance / heat checking resistance
- ▶▶ 满足高要求/长寿命之压铸、热锻、热挤压模具的需求，减少失效风险
Meet the high requirement / long life of die casting, hot forging and hot extrusion dies, reduce the risk of failure

特性概念图 Conceptual Diagram



化学成分(%) Chemical Composition (Percentage by Mass)

碳 C	硅 Si	铬 Cr	钼 Mo	钒 V	磷 P	硫 S
0.36	0.20	5.10	2.40	0.60	0.005	0.001

供货状态：退火

推荐使用硬度：42-52HRC

Supply Status: Annealing

Recommended service hardness: 42-52HRC

应用

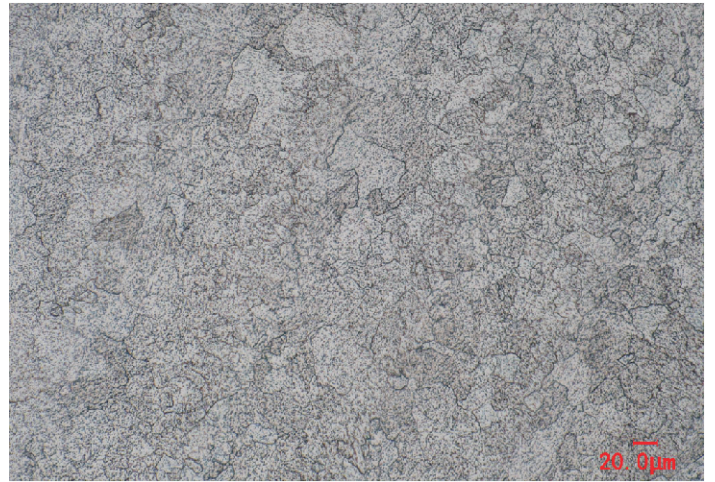
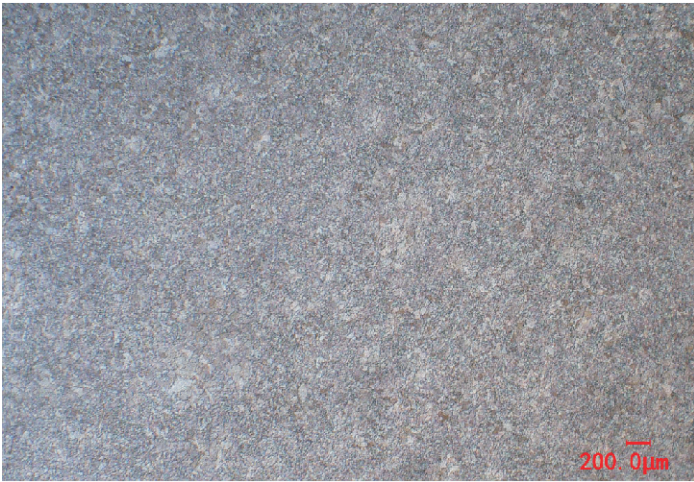
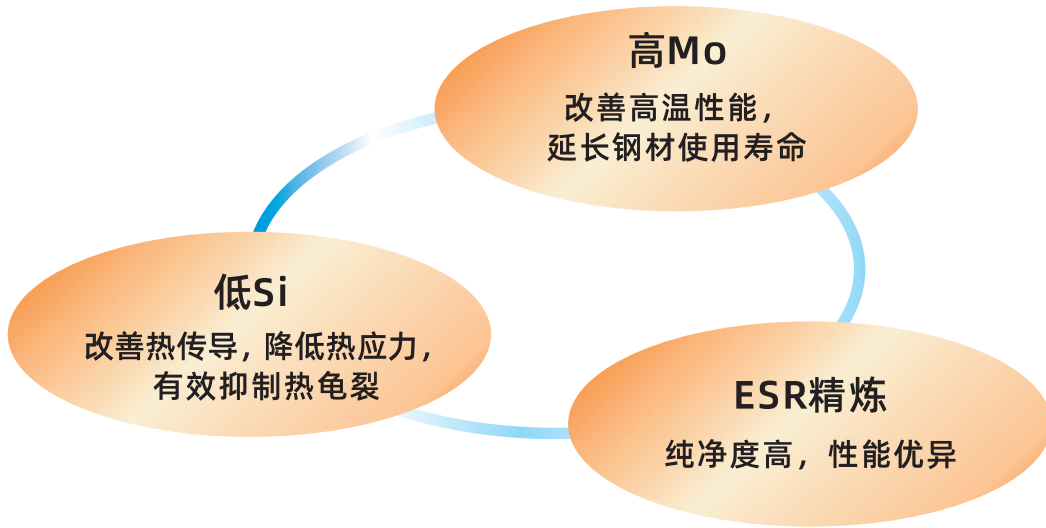
- ✓ 韧性有极高要求的热作模具
- ✓ 大中型复杂的锌、镁、铝、钛压铸模具
- ✓ 汽车结构件用超大模具镶件及整体模具

Application

- ✓ Hot-work dies requiring rather high toughness
- ✓ Large and medium zinc, magnesium, aluminum and titanium die casting dies with complex geometry
- ✓ Extremely large mold inserts and integral molds for automotive structural parts



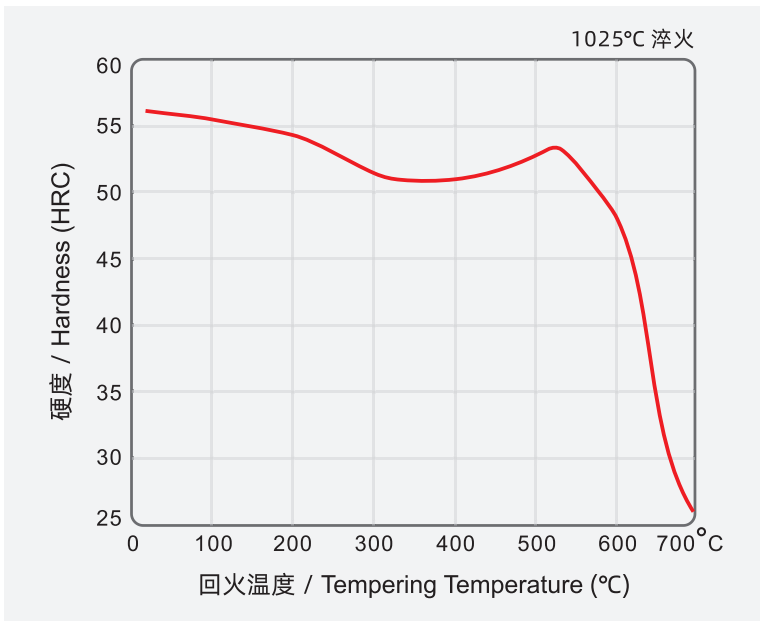
特点 Characteristics



显微组织满足NADCA#207北美压铸协会标准合格级别



回火硬度曲线 Tempering-Hardness Diagram



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