



CALLINGTON METAL WORKING FLUIDS SELECTION CHART 嘉林顿金属加工液选择参考表

Product Name 产品名称	Fluid Type加工液归类	Applications 加工工艺									Materials 金属材料							
		sawing 锯	milling 铣削, 洗床	drilling 钻孔	deep hole drilling, gun drilling 深钻孔	tapping, threading 攻内螺纹, 攻丝	turning 车床	broaching, reaming 铰孔	cylindrical & surface grinding 表面磨削, 外圆磨	centreless grinding 无心磨削	stainless steel 不锈钢	low carbon steel 低碳钢	high carbon steel, tool steel, mould steel 高碳钢, 工具钢, 模具钢	cast iron 铸铁	wrought aluminum alloy 锻铝合金	cast aluminum alloy 铸铝	yellow metals: copper, brass 有色金属: 铜, 黄铜	tungsten carbide 碳化钨合金
water miscible cutting & grinding fluids 水性切削磨削液																		
GC100	FSy全合成	>5%	>5%	>5%	8-10%	8-10%	7-10%	>10%	3-5%	3-5%								
AC985	SSy半合成	>5%	>5%	>5%	8-10%	10%	8-10%	>10%	3-5%	3-5%								
AL400	HSSy高油半合成	>5%	>5%	>5%	6-10%	6-10%	6-10%	6-10%										
EP M2	HSSy高油半合成	>5%	>5%	>5%	6-10%	6-10%	6-10%	6-10%	3-4%	3-4%								
CU500	SoO乳化液	>5%	>5%	>5%	6-8%	6-8%	6-8%	8-9%	3-4%	3-4%								
water miscible grinding fluid 水性磨削液																		
PGF256	FSy全合成								2-3%	4-6%								
non water miscible grinding fluid 非水性磨削油																		
PG580	SyOil 合成油																	

excellent 非常适合
 suitable 适合
 might be suitable 可能适合
 not suitable 不适合