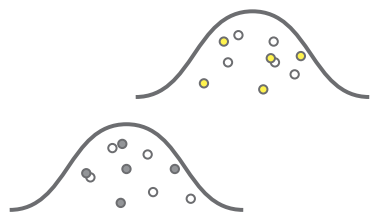


# 1 原料粉末

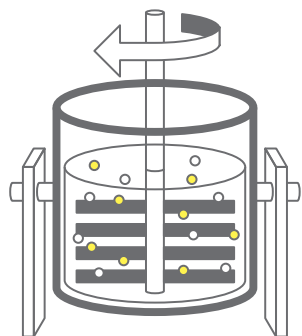


主要原料 WC  
 金属粘合剂 Co, Ni  
 其他 TiC, TaC

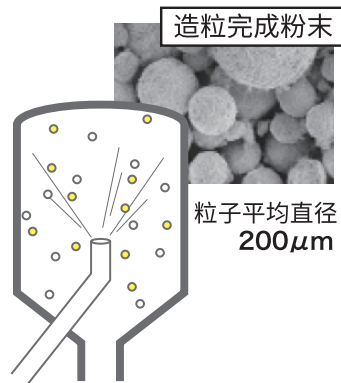
来自矿石的原料  
 回收再利用的原料

# 2 钨粉制造

### 混合·粉碎

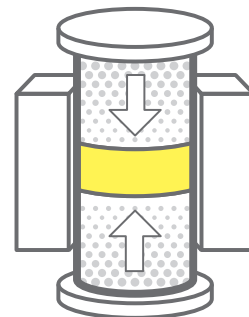


### 干燥·造粒



# 3 冲压成型/挤压成型

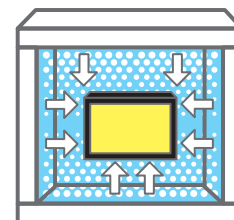
### 冲压成型



### 挤压成型

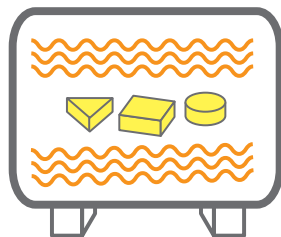


### 静水压成型



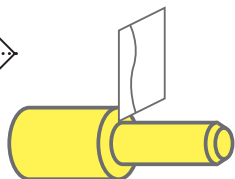
# 4 成型 (一部分产品)

### 一次烧结

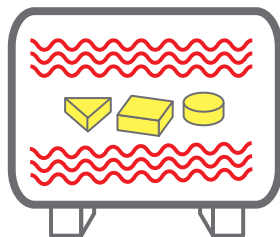


400~700°C

### 成型加工 (机械加工)

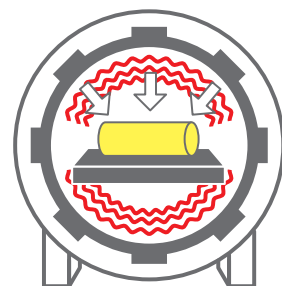


# 5 二次烧结



1400~1500°C

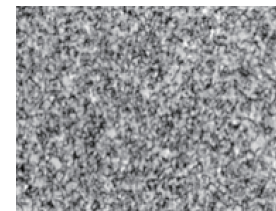
# 6 HIP (一部分产品)



1400~1500°C  
100~1000标准大气压

# 7 检查

### 合金特性检查 尺寸及外观检查



超超微粒合金组织图

# 8

### 包装·出货