E14082181 蘇品瑄 機製期末
1) Hot hardness @Toughness & Impact strength 3) Thermal shock resistance
1) Hot hardness @Toughness & Impact strength 3) Thermal shock resistance 1) Wear resistance (5) Chemical stability & Inertness
(-2)
To maintain low friction & wear.
o Breaking the microweld will cause friction. If the tool material is mert, the microweld are less likely to occur
are less likely to occur
2) If there is bond chemically between workpiece and cutting tool, it will cause
diffusion and adhesive wear.
1-3, Cubic Boron Nitride. Because it is chemically mert to iron and nickel when Temperat
2-1.
@ Wear is the damaging, gradual removal or deformation of material at solid surface. It
Diriction is the torce that dissipates energy and generally motion waterial at solid surface. It changes the shapes of tools and dies, affects the tool life, dimensions and quality of the parts produced.
the parts produced.
2-21 Because nickel-based superalloy is more likely to form adhesive wear, we can reduce
Because nickel-based superalloy
It by using:  DHard coatings @ Appropriate Lubricant.
3-1, 1, 1 = 5 filex - 1 1/2 x 1/2 , 450 cm , 420 cm , 420 cm
( ft ) を C   1 m 日本 不物 (450°C V ) 電 器 建 まみ
f - 1
Solid-state: 母村坡 , 音声为火客 南虫 (No liquid and molten phase)
2-2.
Flash welding (are welding)

4-1、 Oxidation > CVD > Lithography > lift off > Etch > 萬住子体植 > Oxidation 3、

class lovo: 每代3主空氣中管1500個 三小大川州粒徑的粒子

In clean norm the cleantiness at critical processing locations is defined by the class.

4-21 PR -> Lithography -> Etch > film decoration