

CREO ELEMENT-3

SWEEP AND BLEND

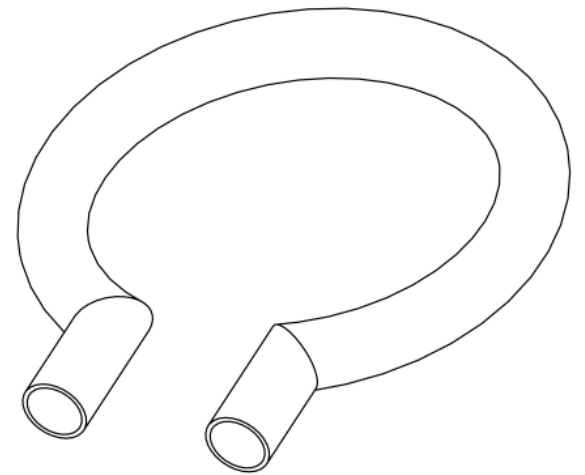
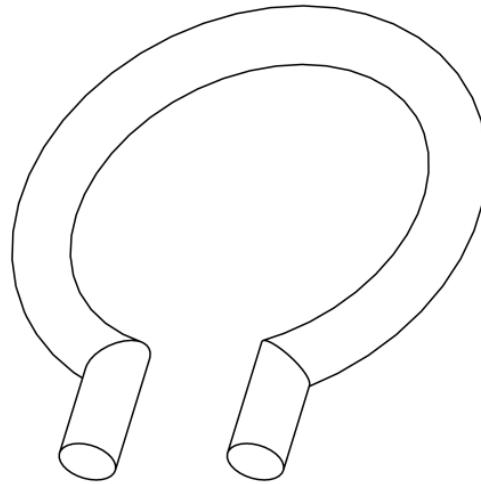
國立陽明交通大學 生物醫學工程系
林峻立 教授

SWEEP

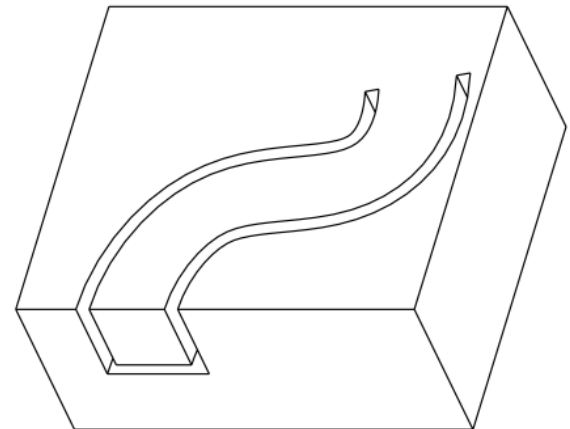
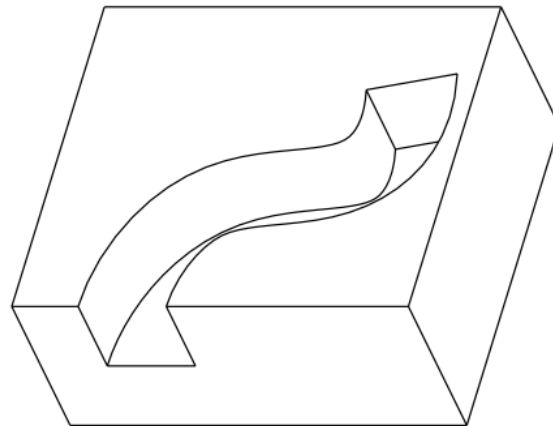
Solid

Thin

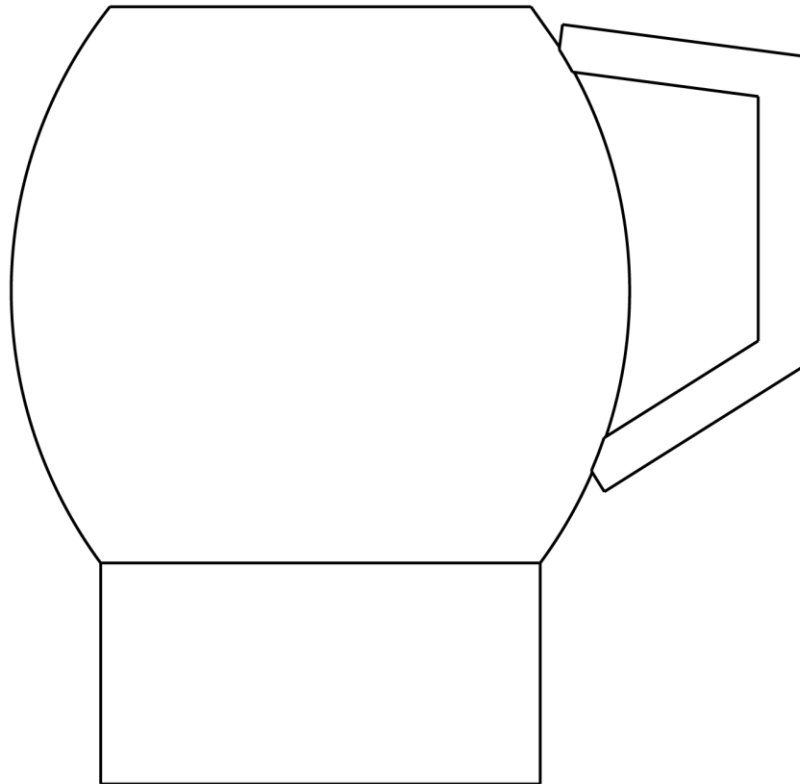
Protrusion



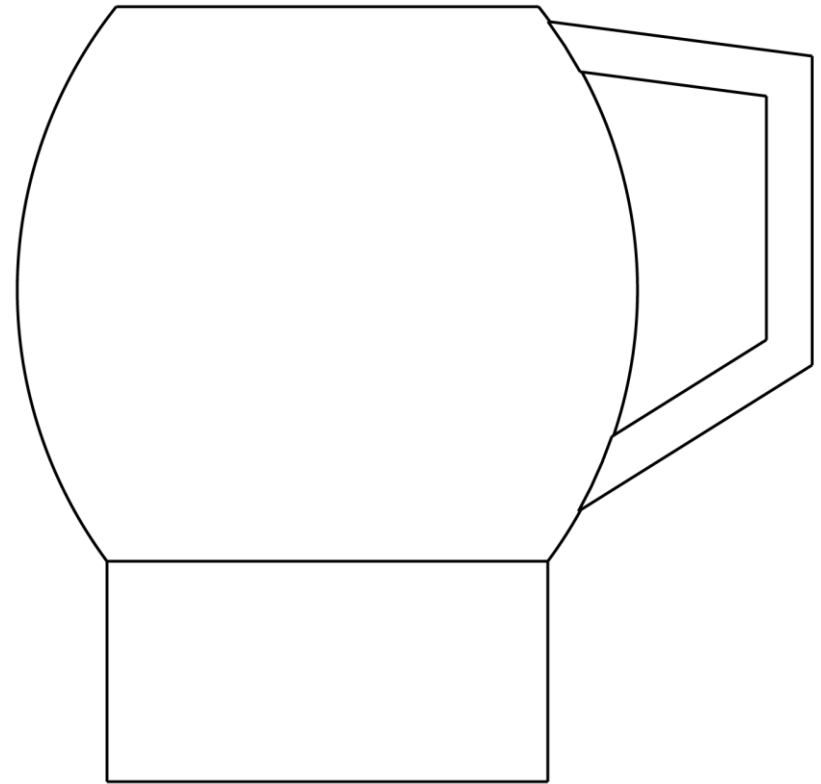
Cut

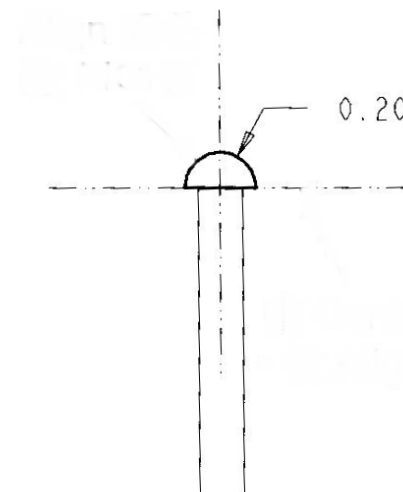
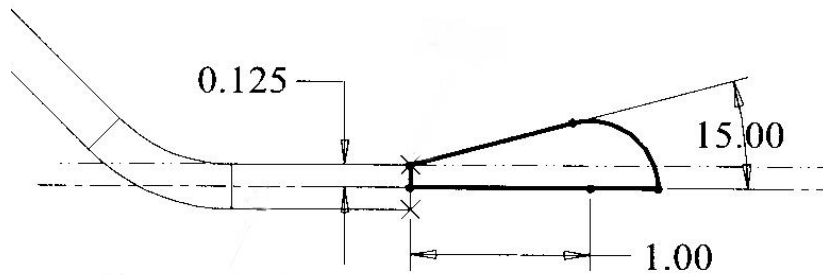
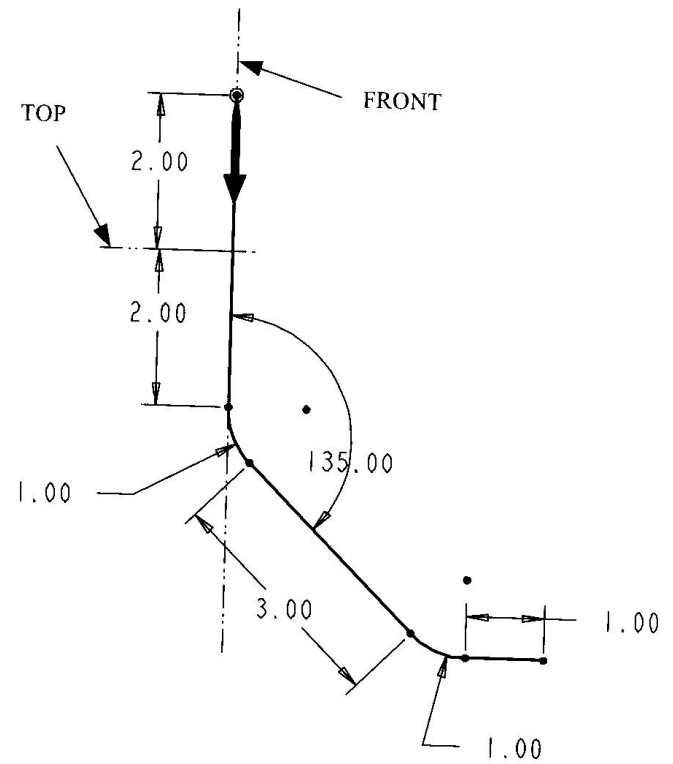
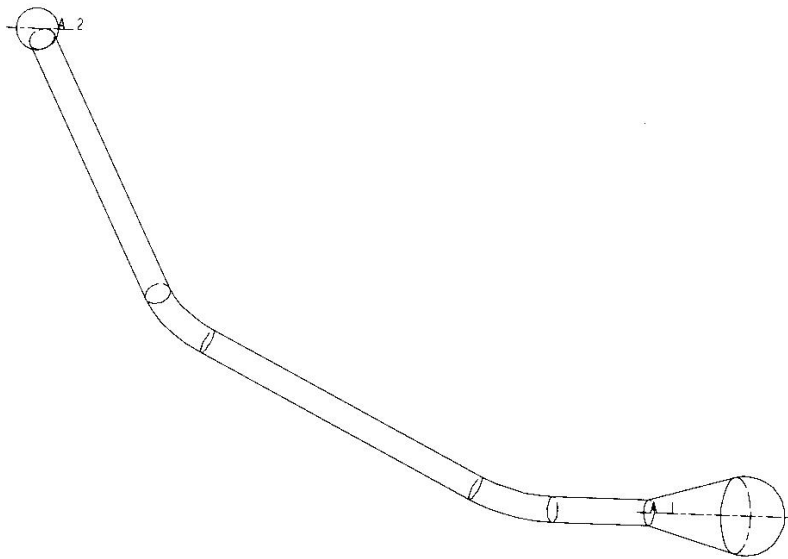


Free Ends



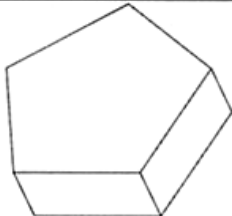
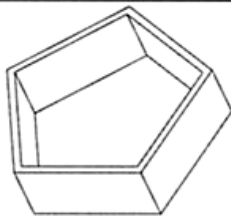
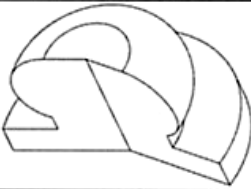
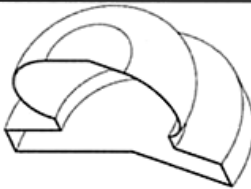
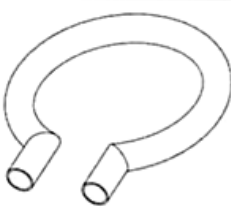
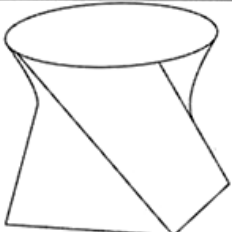
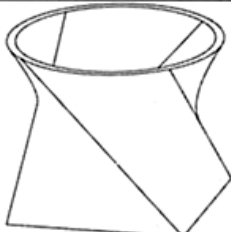
Merge Ends



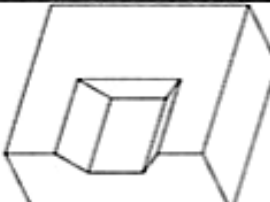


BLEND 特徵

■長肉（加材料）-Protrusion

	實體 (Solid)	薄長薄肉 (Thin)
引伸 (Extrude)		
旋轉 (Revolve)		
掃描 (Sweep)		
混合 (Blend)		

■切削（切減材料）-Cut

	實體 (Solid)	薄壁切削 (Thin)
引伸 (Extrude)		
旋轉 (Revolve)		
掃描 (Sweep)		
混合 (Blend)		

BLEND 特徵

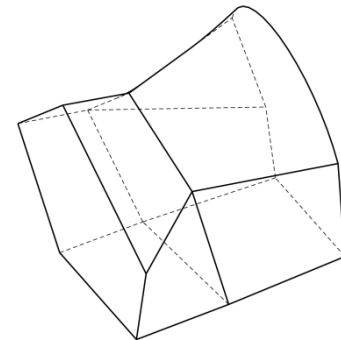
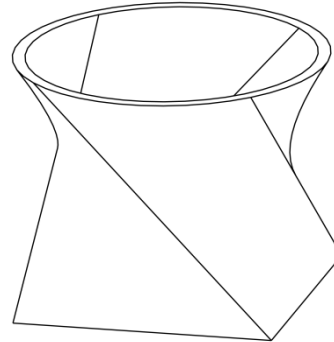
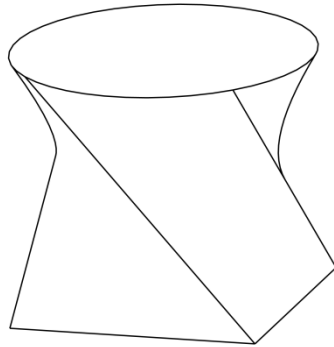
■ Parallel (平行)/Rotational (旋轉)/General (一般)

Solid

Thin

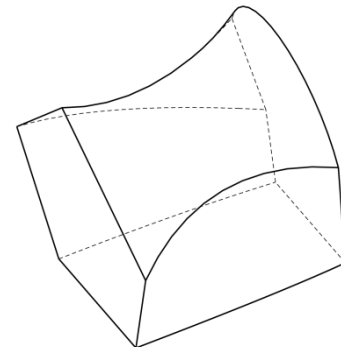
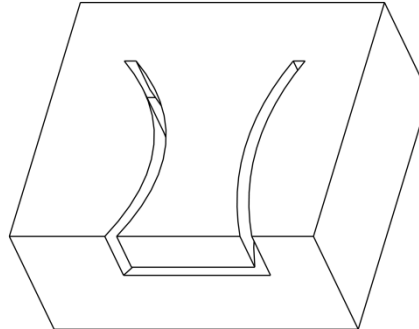
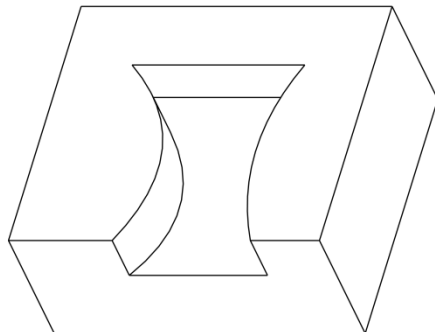
直線連接

Protrusion

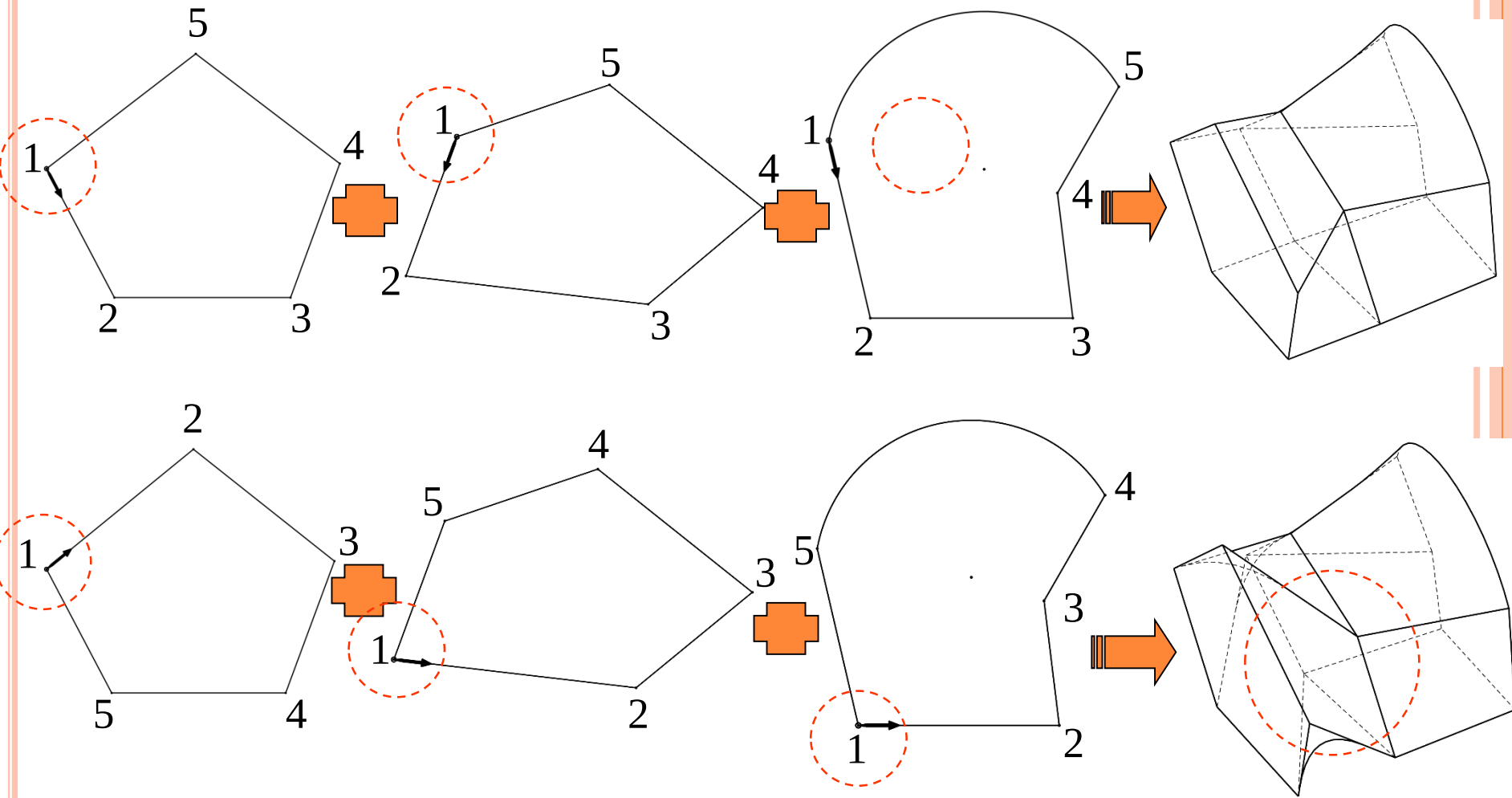


平滑連接

Cut



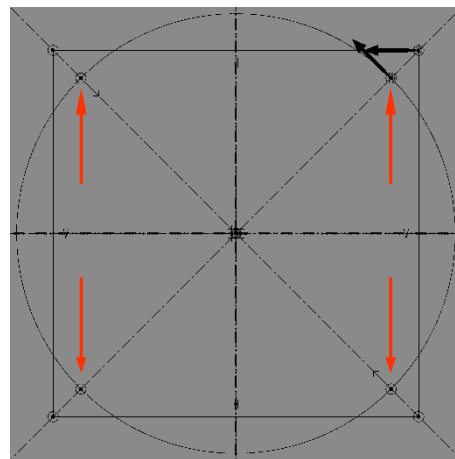
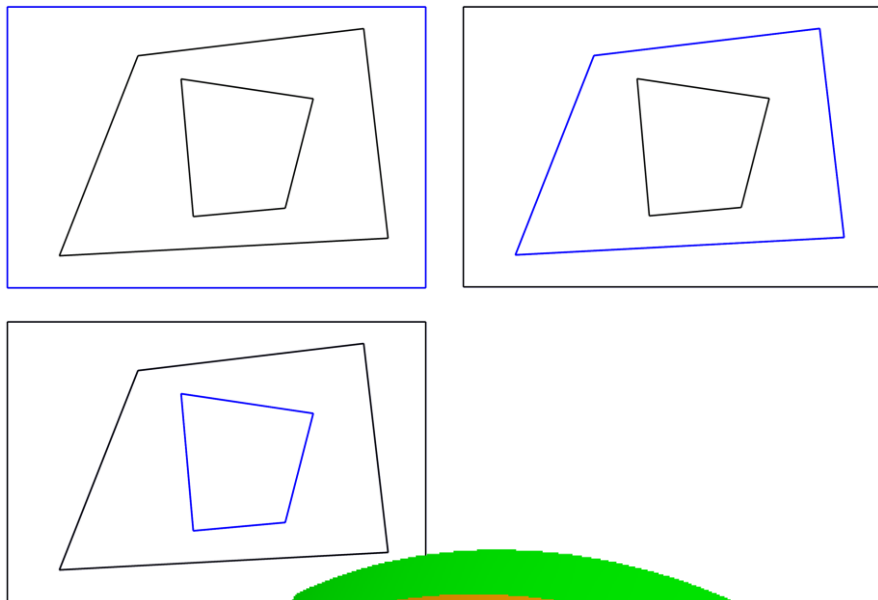
PARALLEL (平行)



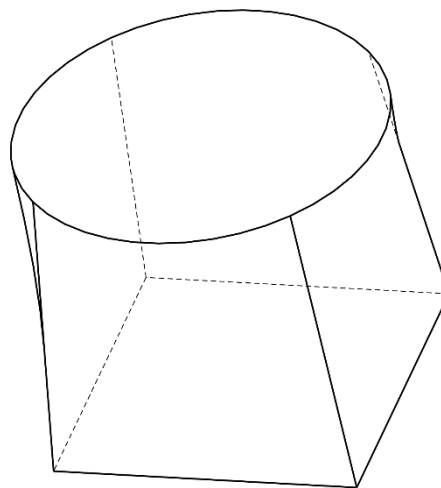
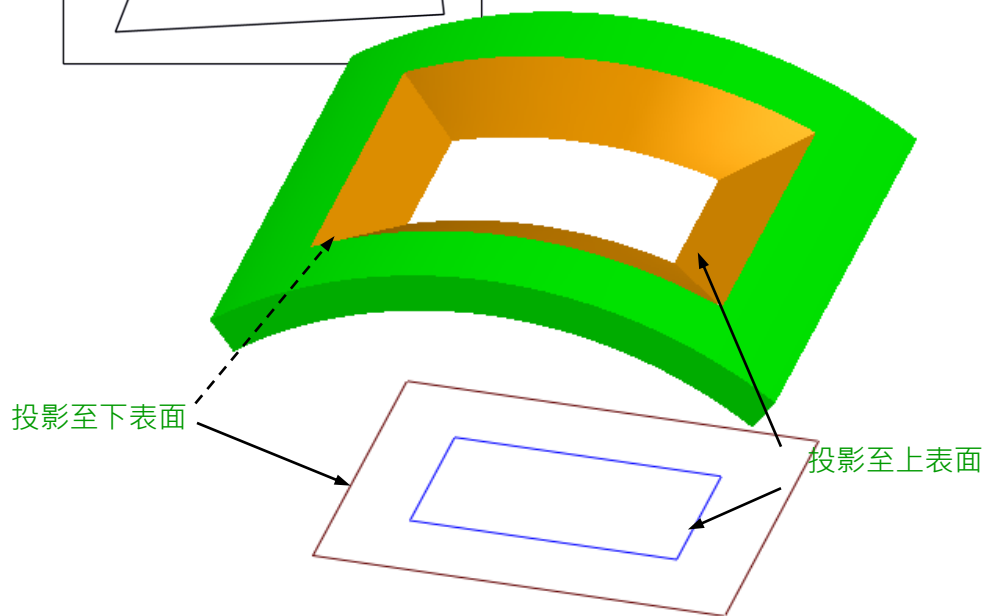
帶有“扭轉”效果

BLEND 特徵

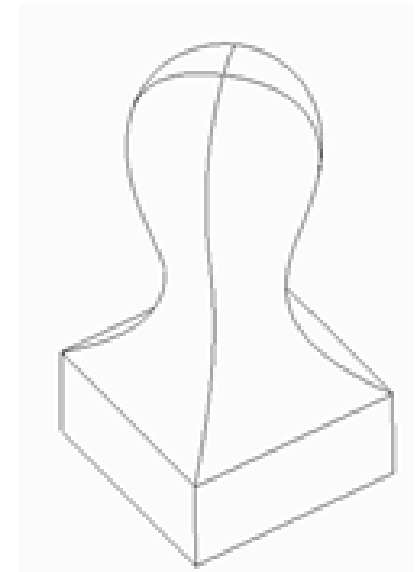
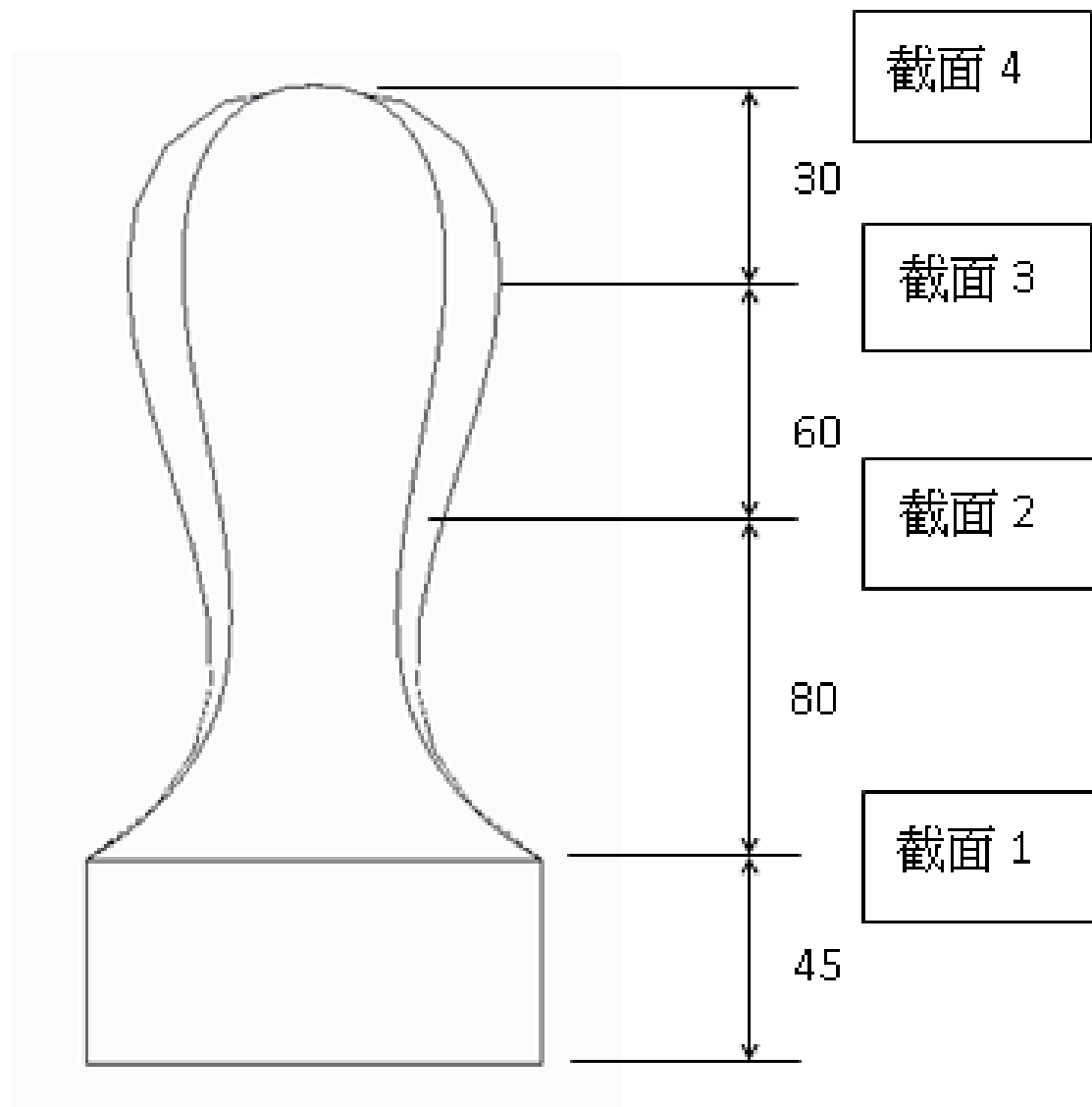
“圓形” vs. “多邊形”



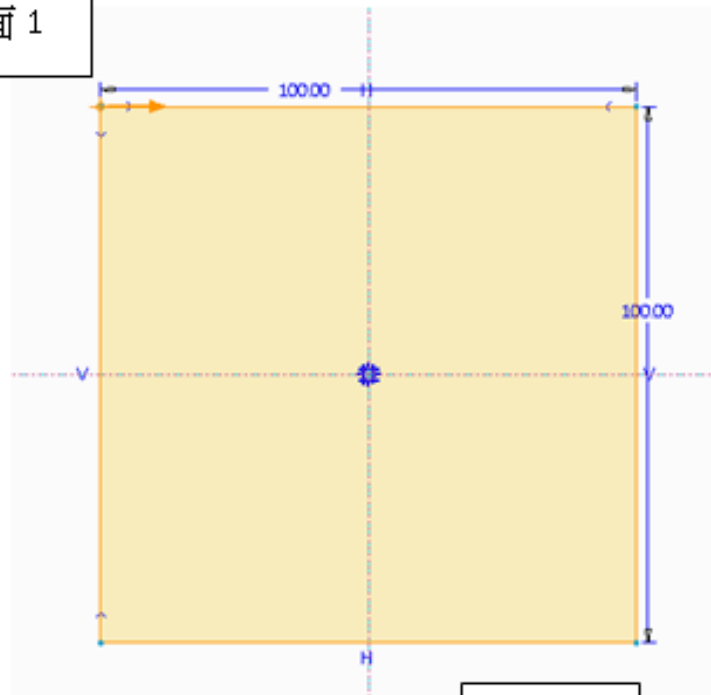
截斷點



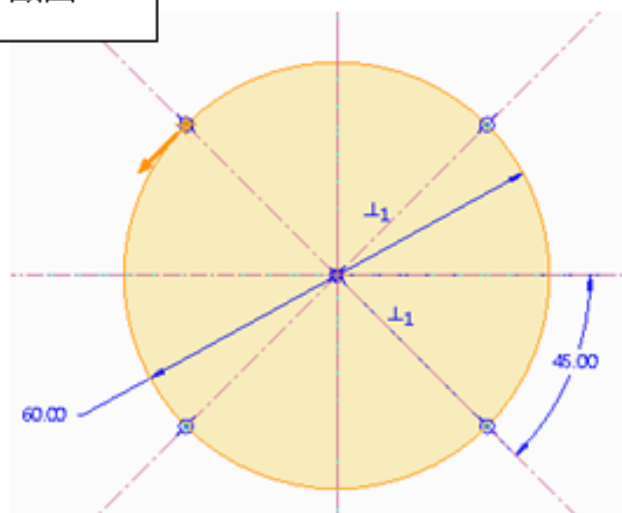
EXAMPLE



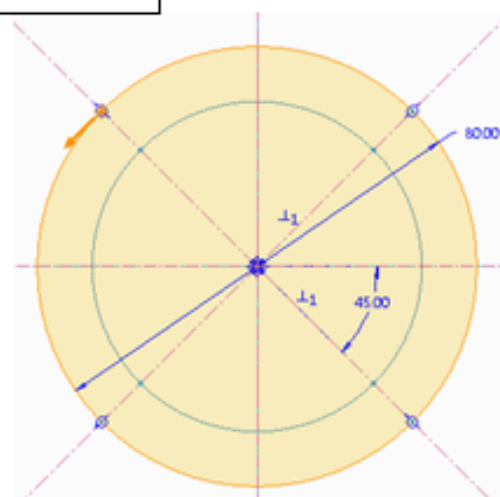
截面 1



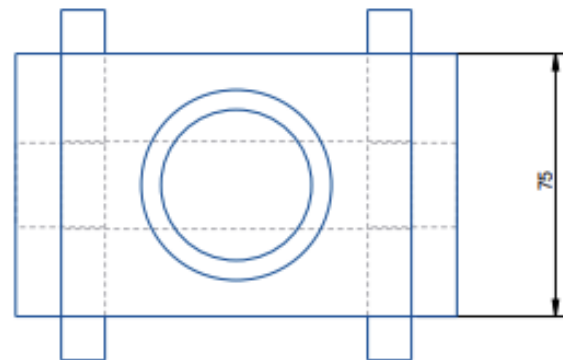
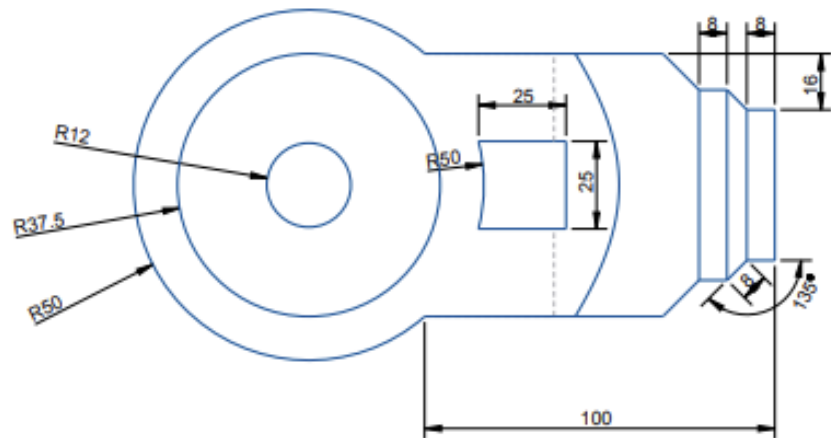
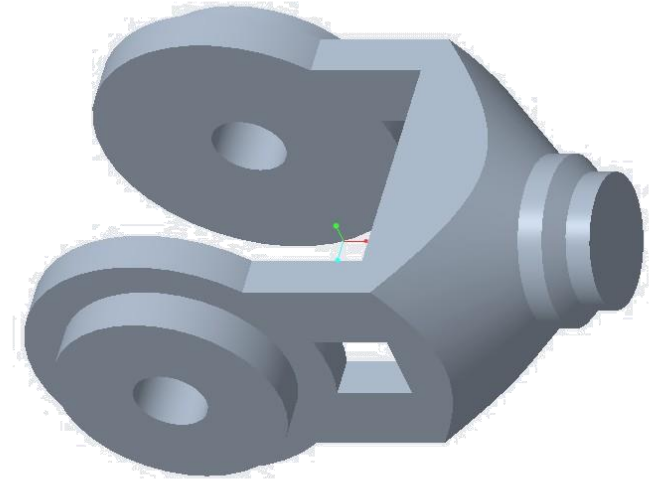
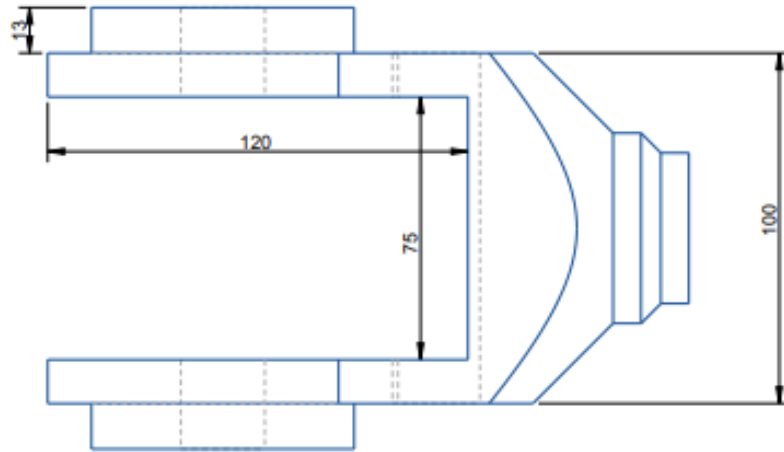
截面 2



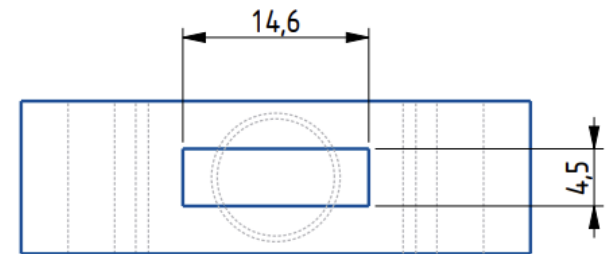
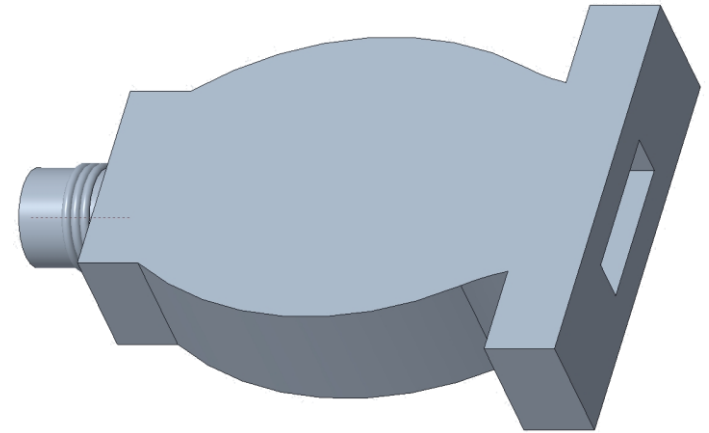
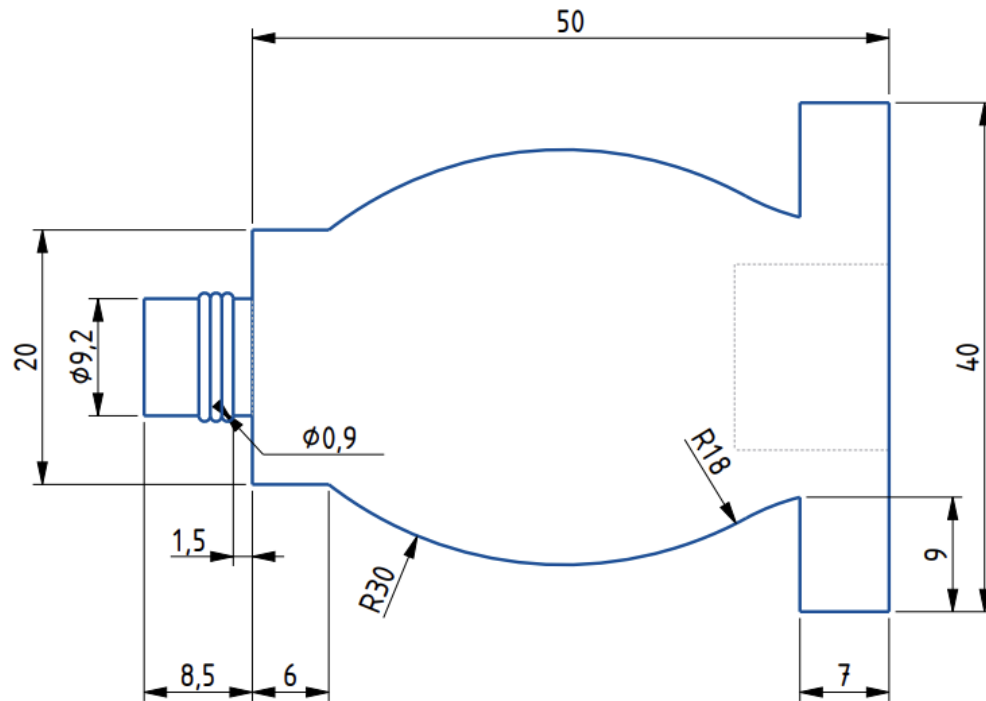
截面 3



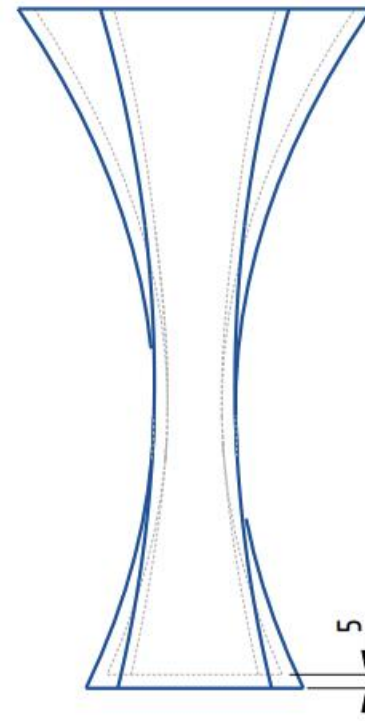
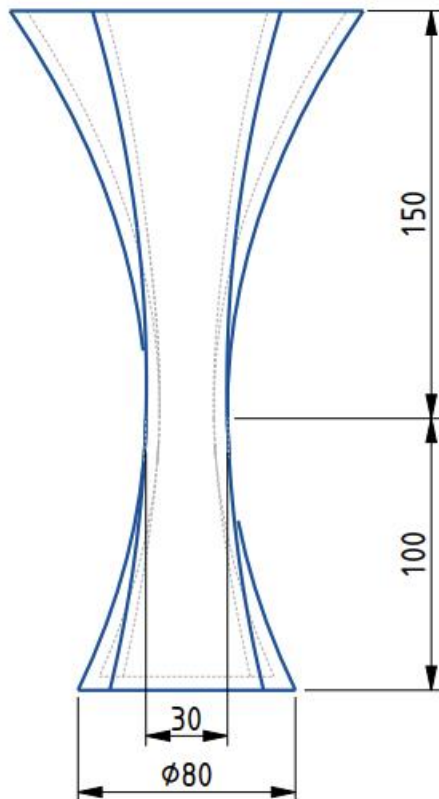
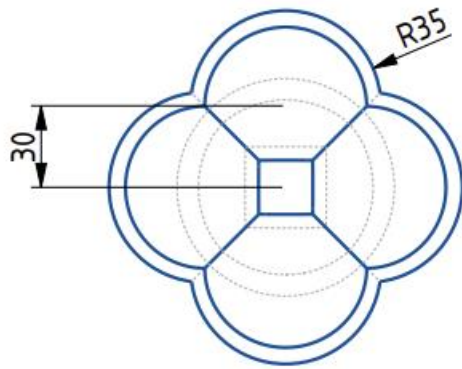
EXAMPLE



EXAMPLE



EXAMPLE



EXAMPLE

