

Surface Finish: Randomized Complete Block

	Feed Rate				Bar mean
	0.20		0.30		
	Depth of Cut 0.15	Depth of Cut 0.25	Depth of Cut 0.15	Depth of Cut 0.25	
Bar 1	62	92	97	104	88.75
Bar 2	74	106	110	110	100.00
Bar 3	65	96	99	116	94.00
mean	67	98	102	110	94.25
s_i^2	39	52	49	36	

$$SS_{repError} = \sum (n_i - 1) s_i^2$$

$$df_{repError} = \sum (n_i - 1)$$

$$SS_{Block} = \sum m (\bar{Y}_j - \bar{\bar{Y}})^2$$

$$df_{Block} = \#Blocks - 1$$

$$SS_{Error} = SS_{repError} - SS_{Block}$$

$$df_{Error} = df_{repError} - df_{Block}$$