



Farrell Bearings Limited Chain Length Calculator

Fill in D, d, and C to calculate the Chain length

Fill in D, d, and L to calculate the Centre Distance

	Value MM	Result MM	Result INCH
Large Sprocket Diameter	D		
Small Sprocket Diameter	d		
Centre Distance	C		
Chain Length	L		

Formulas

$$L = 2C + ((D-d)^2 / 4C) + (1.57*(D+d))$$

$$C = A + \sqrt{A^2 - B}$$

$$A = (L/4) - (.3925*(D+d))$$

$$B = (D-d)^2 / 8$$

