Lecture Class Assignment #10: Pin and Collar Assembly – using Bilateral tolerances

1. Add a ‘specific’ tolerance to the length of the collar of +0.10, -0.05 on the Collar Part Drawing
2. Add an ISO “Close Running Fit” tolerance to the φ12 shaft diameter in Pin Part Drawing

Name: ____________________
Section: ____________

Assembly Drawing

Collar Part Drawing

Pin Part Drawing

General tolerance +/- 0.25 unless otherwise stated; All dimensions in mms