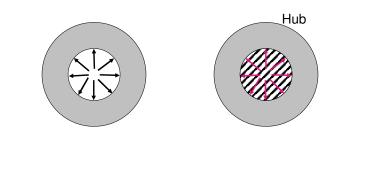
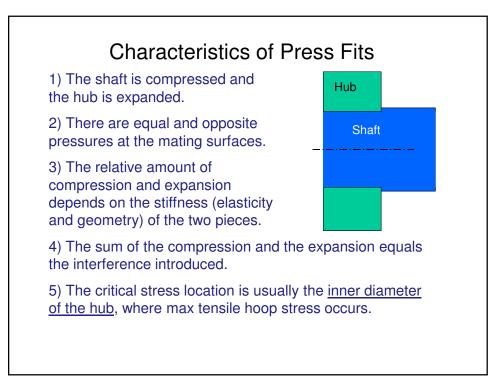
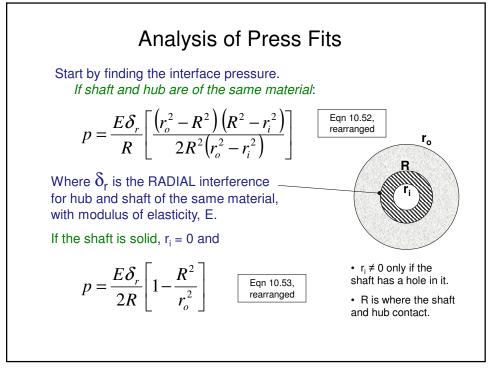


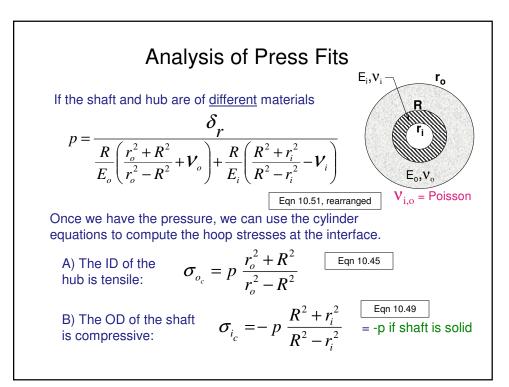
## Press Fits

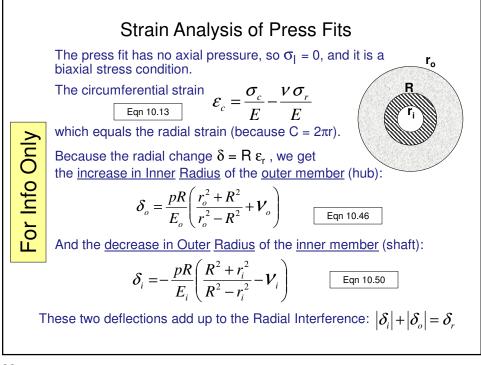
Press fits, or interference fits, are similar to pressurized cylinders in that the placement of an oversized shaft in an undersized hub results in a radial pressure at the interface.

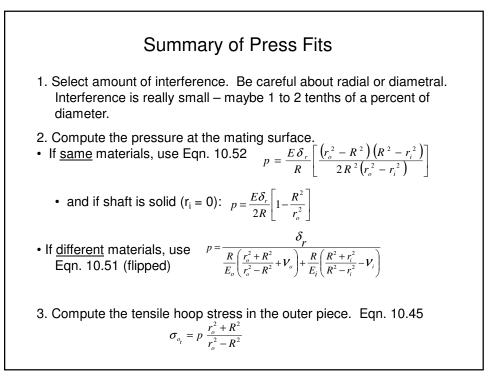


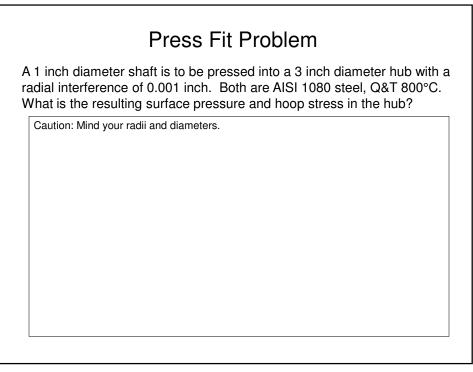


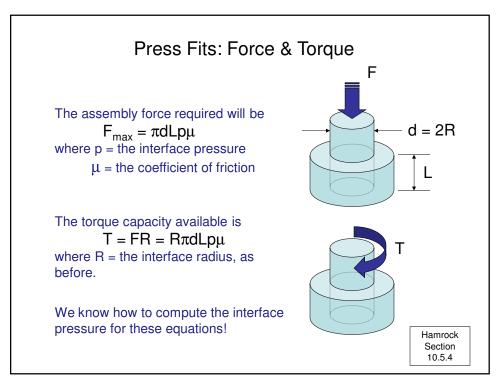


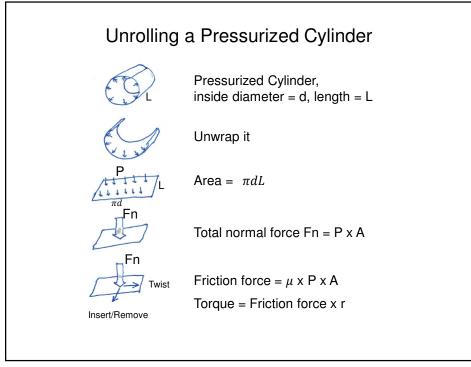


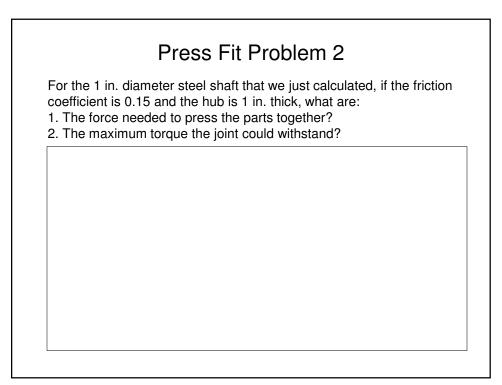


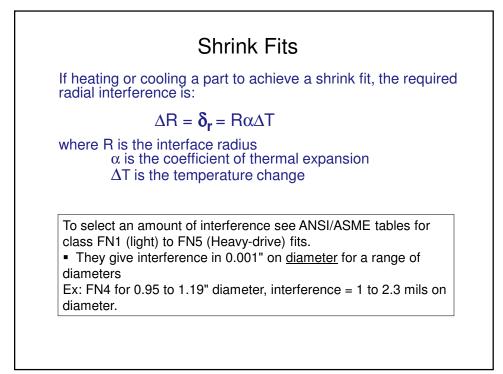


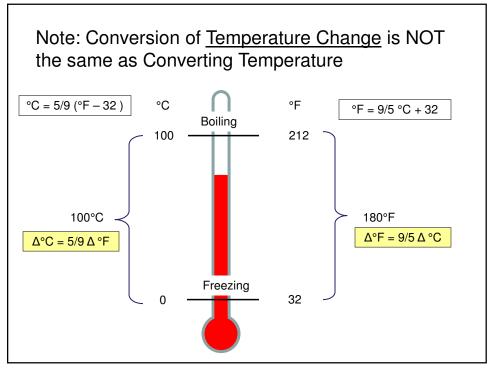












## Press Fit Problem 3

For the 1 inch diameter steel shaft that we just calculated, how many degrees F would the hub need to heated to be able to assemble the parts without forcing? If we chose to cool the shaft instead, how many degrees C would the shaft need to be cooled to do the same thing?