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ixial jet configuration having inner and outer diameter ratio Di /Do = 0.33 is of the velocity ratios and m = Ui / Uo = 5.17, 1.13, 0.77, and 0.54. The xial velocity, of the axial turbulence intensities, and of the shear stress are I and fully zones. The obtained results show the inner potential core length of y depends on the velocity ratio while the outer potential core for jets having than unity seems to be insensitive to the velocity ratio. As expected, the s seen to decrease with decreasing velocity ratio; jets with velocity less than an those with m greater than unity and the Reynolds stress show a zerogion.

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