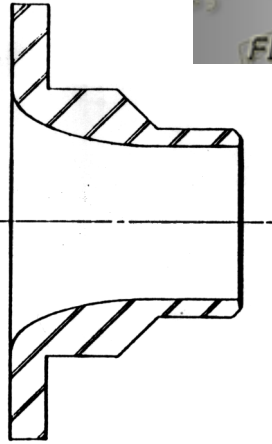
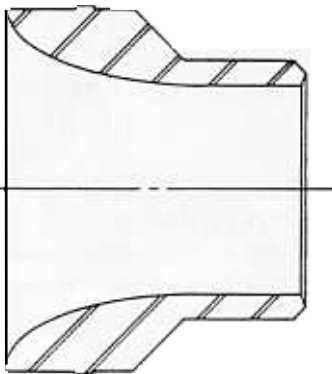
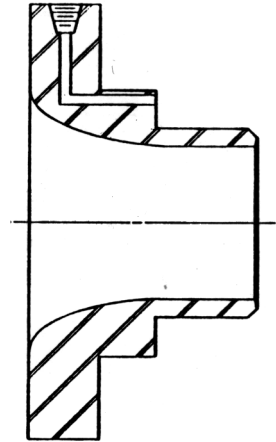


FLOW NOZZLES



The "STANDARD" FLANGE FLOW NOZZLE style is the most commonly used Flow Nozzle. It is designed to be inserted between pipe flanges. A special machined shoulder on the back side of the flange assures the proper alignment of the nozzle with the pipe I.D. This style Flow Nozzle utilizes pipe wall taps whose location is determined by the Beta Ratio.

The "TAPPED" TYPE FLANGED FLOW NOZZLE is basically the same as the "FLANGE" style. A downstream tap (usually a 1/2" connection) is provide in the flange of the nozzle. This style nozzle is recommended in smaller line sizes where the downstream tap usually interferes with the pipe weld or downstream holding flange.



The WELD-IN FLOW NOZZLE style is designed to be installed permanently in a pipe section. This nozzle has a specially machined step on its outside diameter that is used to align a beveled inlet and outlet bored pipe section. This type nozzle is widely used where high temperature and pressure applications prohibit the use of pipe flanges such as in power plant and feed water installations. Pipe wall taps are utilized with this style.

The HOLDING RING FLOW NOZZLE style is designed so that the welding of dissimilar materials is eliminated. A special holding ring and locating pins are made of the same material as the pipe that the nozzle is to be installed in. This allows for the nozzle to be offered in a wide range of materials. This style isn't recommended for line sizes below 4 inches.

