Multi-hole Orifice plate is our new development in flow elements. These plates are used in low straight length availabilities.

Multi-hole orifice plate is having 4 numbers of holes placed in between the flow area at certain distance. These 4 holes itself act as a flow conditioner thereby reducing the straight length requirement to Maximum 3D upstream and 2D downstream at any given beta ratio.

Multi-hole orifice plates are suitable for most of the fluids including, steam, air or any type of gas and any type of liquids (preferably lesser visocous liquids) etc. Accuracy for Multi-hole orifice plates is even better than the conventional orifice plates and the same is upto 0.4%. Due to conditioning effect turndown ratio of the Multi-hole Orifice plates increases to 10 : 1.

Installation for these plates is same as per the conventional orifice plates. Multi-hole orifice plates can be used with Corner & Flange tapping.

We can provide Multi-hole plates in almost all material compositions including Stainless Steel, Hastelloy-C, Monel & Titanium etc.