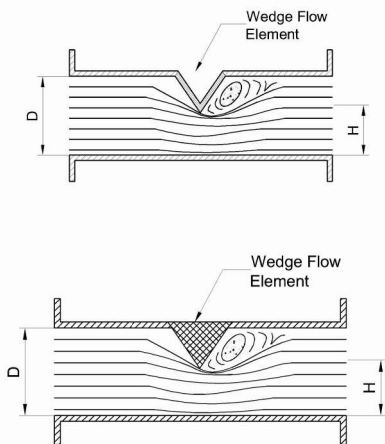


## Wedge Meter

Wedge type flow meter is a differential device which is designed for applications in air entrained liquid, particulate entrained, high viscosity or slurry type fluids from 1/2" to 24". It can be used in high temperature applications and corrosive fluids. Relatively low pipe Reynolds Numbers can be addressed with some accuracy and the discharge coefficient is stable through the application range. Wedge elements are used with 3-in diameter chemical seals, eliminating both the lead lines and any dead-ended cavities

Some of most advantages of this element are ability of use in:

Fluids with solid content, Slurry fluids,  
 Corrosive fluids, Very low flow rate or velocity



### Most Common TYPE

Solid segment  
 Surface segment

### FLOW CALCULATION STANDARDS

R.W Miller Handbook

### FLANGE RATINGS

ANSI Class 150, 300, 600, and 900, 1500, 2500

### PRESSURE TAPS

On upstream & downstream of segment

### MATERIAL

Standard: Carbon Steel, 304SS, 316LSS

### Nominal pipe Size:

0.5 to 24 inch

### Accuracy:

2-4% URV

### Reynolds Number:

$R_D > 100$

### Temperature Range:

0 – 600 °C