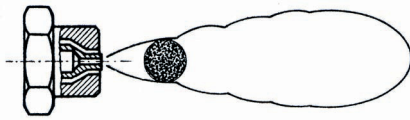


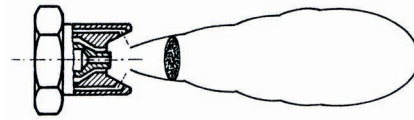
MC's binary nozzles are produced as modular systems. Different basic body designs with plug fasteners resp. control and cleaning needles - manually or pneumatically-electronically operated - are available. Various nozzle sets with or without extension can be mounted onto the basic bodies without much effort, resulting in the selected spray pattern.

Illu. 1



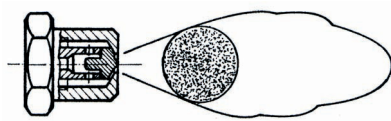
External-mixing round spray

Illu. 2



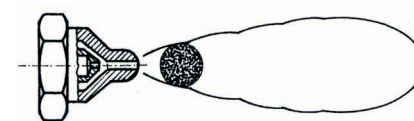
External-mixing flat fan, also available with flat fan control

Illu. 3



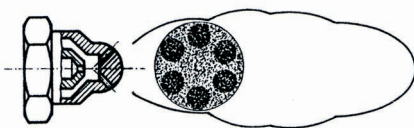
External-mixing round spray with rotating air/gas flow, wide spray angle with reduced droplet velocity

Illu. 4



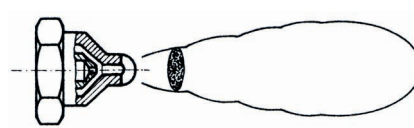
Internal-mixing round spray

Illu. 5



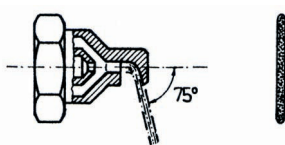
Internal-mixing wide-angle round spray

Illu. 6



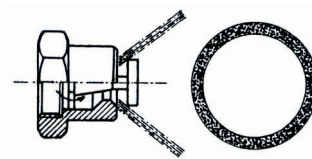
Internal-mixing flat fan

Illu. 7



Internal-mixing deflected flat fan

Illu. 8



Internal-mixing swirl chamber nozzle with baffle plate, hollow cone up to 180°; hollow cone turns into full cone depending on spray width

Illu. 9 Orifice plate system resp. low-pressure system

The orifice plate system is a special design. The air/gas flow required is produced by the machine's air/gas velocity. The air/gas flow is trapped in the orifice plate and helps to atomize the droplets (e.g. in oil burners, desuperheating steam or process engineering systems).

