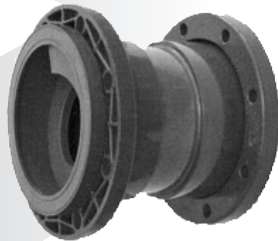


## Static Mixer



### Tangential Static Mixer TSM TSM 15 PVC-U – TSM 400 PVC-U

- mixing device for homogenous distribution of different liquids and/or gaseous media
- PVC-U tube with inside welded mixing elements, especially designed for maximum mixing degree and with extremely low pressure drop
- operating pressure and flow velocity determine the mixing degree i.e. water/ozonized water: 99%.
- DN 15 - DN 400
- PN 10

#### Applications

Dissolving of gases in liquids

- Oxygen in water, waste water or sludge
- Ozone in water or waste water
- Carbon Dioxide in water

#### Mixing of liquids

- neutralisation by acids or alkaline solutions
- precipitants and flocculants in water

#### Mixing of gases

- cooling down fumes by means of fresh air

#### Assembly

- flange connection DIN 2501 / PN10
- insertion length TSM 15 - TSM 80 = 150 mm
- TSM 100 - TSM 400 = DN x 1,6

#### Technical Data

Types	TSM 15 - TSM 400
Sizes	DN 15 - DN 400
Material	PVC-U
Connections	loose PVC-U flanges



### Tangential Static Mixer TSM TSM 15 VA – TSM 800 VA

- mixing device for homogenous distribution of different liquid and/or gaseous media
- Stainless Steel 1.4571 mixing tube and elements with inside welded mixing elements especially designed for highest mixing degree and with extremely low pressure drop
- design and dimension of the mixing elements effects an intensive mixing of the mixing media
- operating pressure and flow velocity determine the mixing degree i.e. the mixing degree for water/ozonized water: 99%.
- DN 10 - DN 800
- PN 10

#### Applications

Dissolving of gases in liquids

- Oxygen in water, waste water or sludge
- Ozone in water or waste water
- Carbon Dioxide in water

#### Mixing of liquids

- neutralisation by acids or alkaline solutions
- precipitants and flocculants in water

#### Mixing of gases

- cooling down fumes by means of fresh air

#### Assembly

- flange connection DIN 2501 / PN10
- insertion length TSM 15 - TSM 80 = 150 mm
- TSM 100 - TSM 800 = DN x 1,6

#### Technical Data

Types	TSM 15 VA - TSM 800 VA
Sizes	DN 15 - DN 800
Material	Stainless Steel 1.4571 (ANSI 316Ti)
Connections	loose aluminum plastic coated flanges

larger dimensions on request