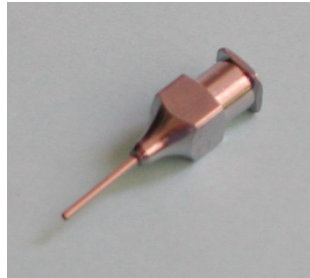


# Nozzles for Electrostatic Encapsulator

## Nisco Engineering AG

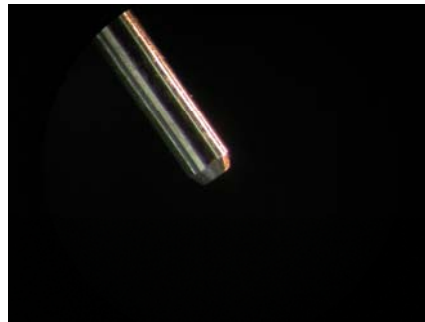
### Nozzles with Flat Cut Nozzle Tip, body chromium plated

OD	ID
0.20	0.09
0.25	0.12
0.35	0.17
0.50	0.25
0.70	0.40
0.80	0.50
0.90	0.60
1.10	0.70
1.20	0.80
1.30	0.90
1.50	1.00
1.60	1.10
1.70	1.20
1.80	1.30



### Nozzles with Conical Polished Nozzle Tip

OD	ID
0.20	0.09
0.25	0.12
0.35	0.17
0.50	0.25
0.50	0.30
0.80	0.50
0.70	0.40
0.90	0.60
1.10	0.70



#### Advantages of the conical nozzle tip: :

- smaller drops with given diameter
- better bead quality
- less "small side beads"

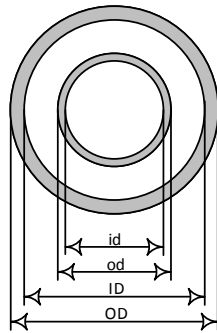
#### Material quality (for both types of nozzle tips):

body: brass chromium plated tube: stainless steel 1.4301

*Option:*

body: stainless steel 1.4435 tube: stainless steel 1.4301

**Coaxial nozzles (size is given in mm)**



**Coaxial tube for two types of medium**

Inner nozzle	Outer nozzle	Size of Coaxial Channel
od/id	OD/ID	$s = (ID - od) / 2$
0.2 / 0.09	0.6 / 0.4	0.1
0.25 / 0.11	0.7 / 0.45	0.1
0.3 / 0.15	0.8 / 0.50	0.1
0.4 / 0.2	0.9 / 0.6	0.1
0.5 / 0.25	1.0 / 0.75	0.125
0.6 / 0.35	1.1 / 0.8	0.1



**Material quality:** body stainless steel 1.4435, tubes 1.4301