

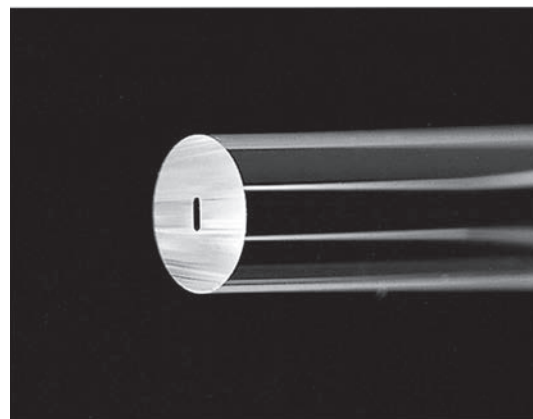
# Variously Shaped Micro Capillaries

## Rectangular-hole Micro Capillary

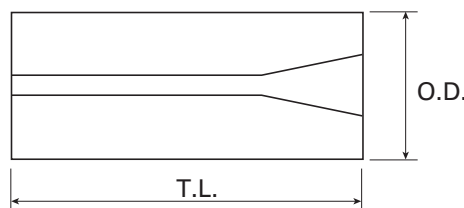
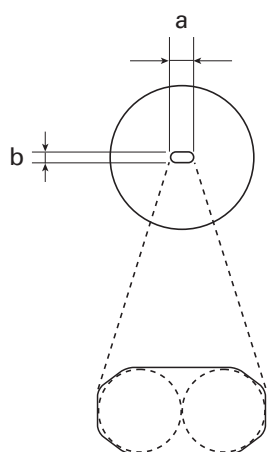
Using one Rectangular-hole Micro Capillary, several fibers can be aligned. Peanuts-style Dual-fiber Micro Capillary is suitable to align two PM-fibers beside each other.

### Features

- High chemical durability
- High environmental durability
- Excellent polishing characteristics
- High UV transmittance → It is possible to use UV curable adhesive.



### Dimensions



example (mm)

#### Rectangular-hole for 2 fibers

$a=0.253\pm0.003$   $b=0.128\pm0.003$   
 $O.D.=1.800\pm0.010$ ,  $T.L.=7.0\pm0.2$   
 $C.D.=1.0\pm0.3$ ,  $C.L.=3.0\pm1.0$

#### Rectangular-hole for 3 fibers

$a=0.378\pm0.003$   $b=0.128\pm0.003$   
 $O.D.=1.800\pm0.010$ ,  $T.L.=7.0\pm0.2$   
 $C.D.=1.0\pm0.3$ ,  $C.L.=3.0\pm1.0$

#### Rectangular-hole for 4 fibers

$a=0.504\pm0.004$   $b=0.128\pm0.005$   
 $O.D.=1.800\pm0.02$   $T.L.=7.0\pm0.2$   
 $C.D.=1.25\pm0.2$   $C.L.=4.0\pm1.5$

#### Peanuts-style-hole for 2 fibers

$a=0.252\pm0.004$   $h=0.105\pm0.01$   
 $O.D.=1.800\pm0.010$ ,  $T.L.=7.0\pm0.2$   
 $C.D.=1.0\pm0.3$ ,  $C.L.=3.0\pm1.0$

Other combinations of dimensions are available upon request.

### Part No.

1.800 — 0.252 \* 0.127 — 7.0  
 Outer Dia. Longer Side Shorter Side Length

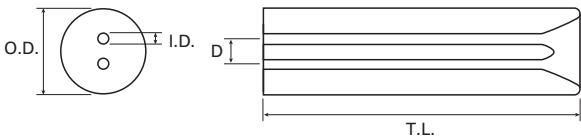
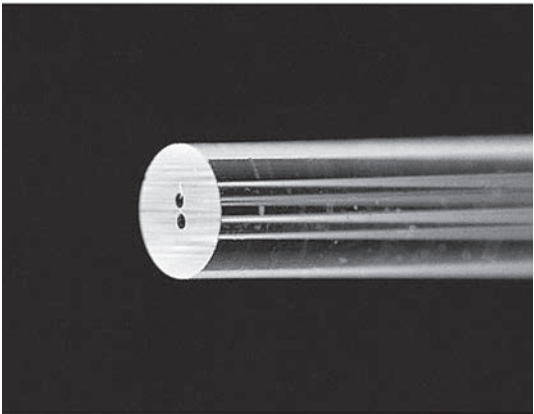
**Dual-hole Micro Capillary**

Dual-hole Micro Capillary can align two fibers very precisely. It is possible to establish the distance between two fibers flexibly. Dual-hole Micro Capillary offers a simple solution for the alignment of two fibers.

**Dimensions (example)** (mm)

Subjects	Dimensions	Tolerance
Outer Diameter (O.D.)	1.800	± 0.005
Inner Diameter (I.D.)	0.127	+0.002/-0.001
Distance (D)	0.132-0.250	± 0.002
Total Length (T.L.)	7.0	± 0.2

Other combinations of dimensions are available upon request.



**Part No.**

**1.800** — **0.127** — **D0.147** — **7.0** — **HC Type**  
 Outer Dia. Inner Dia. Distance Length Grade

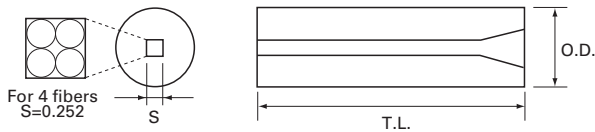
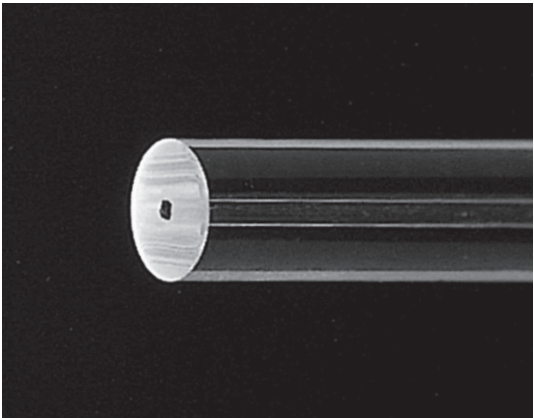
**Square-hole Micro Capillary**

Square-hole Micro Capillary features square holes that can be used to align four or more fibers precisely, making it possible to achieve low cost high-density optical devices.

**Dimensions** (mm)

Subjects	Dimensions	Tolerance
Outer Diameter (O.D.)	1.800	± 0.005
A side of inner square-hole (S)	0.252 for 4 fibers	+0.004/-0
Total Length (T.L.)	7.0	± 0.2

Other combinations of dimensions are available upon request.



**Part No.**

**1.800** — **S0.252** — **10.5** — **HC Type**  
 Outer Dia. A side of the inner square-hole Length Grade