

■ Molded core pins and guide pins for optical fiber connectors (integrated processing)

■ For single core (Material: carbide)

Tip length $l = 20 \text{ mm}$
 Tip shape and cylindricity tolerance = $\pm 0.5 \mu\text{m}$
 Tip dimensions = from $\varnothing 0.100\text{mm}$



■ Mold guide pin (Material: carbide, SKH)

Tip length $l = 30 \text{ to } 40 \text{ mm}$
 (Effective length approximately 20 mm)
 Dimensions = $\varnothing 0.7010 \text{ mm}$ etc.
 Dimensional tolerance = $\pm 0.1 \mu\text{m}$



■ For multi-core (Material: carbide, SKH)

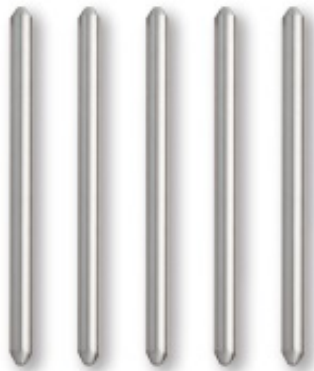
Tip length $l = 4 \text{ to } 5 \text{ mm}$
 Tip shape and cylindricity tolerance = $\pm 0.1 \mu\text{m}$
 Tip dimensions = from $\varnothing 0.08\text{mm}$



■ Mating pins for optical fiber connectors

■ For MT type

Precision (tolerance)
 Example: $\pm 0.5 \mu\text{m}$
 \Downarrow
 (Range) $0.5 \mu\text{m}$
 \Downarrow
 $\pm 0.15 \mu\text{m}$
 \Downarrow
 $\pm 0.1 \mu\text{m}$



■ For MT-RJ type

