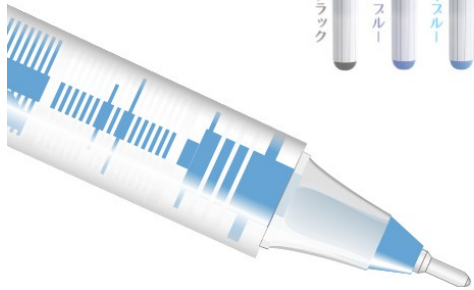


# OHTO



*in your brand!*

## [ Important Indicators ]

### **[Water resistance of Ink]**

Document proof(ISO 14145-2 DOC)

### **[Shelf life]**

36months

### **[Writing distance]**

0.5mm : 1,500meter

0.7mm : 1,200meter

1.0mm : 800meter

1.5mm : 600meter

Remark:

Writing distance figures are according to our internal writing test machine. Depending on the conditions of the environment(paper, writing pressure, etc.), the result may change.

### **[Drying time of written lines]**

Within a second after writeout.

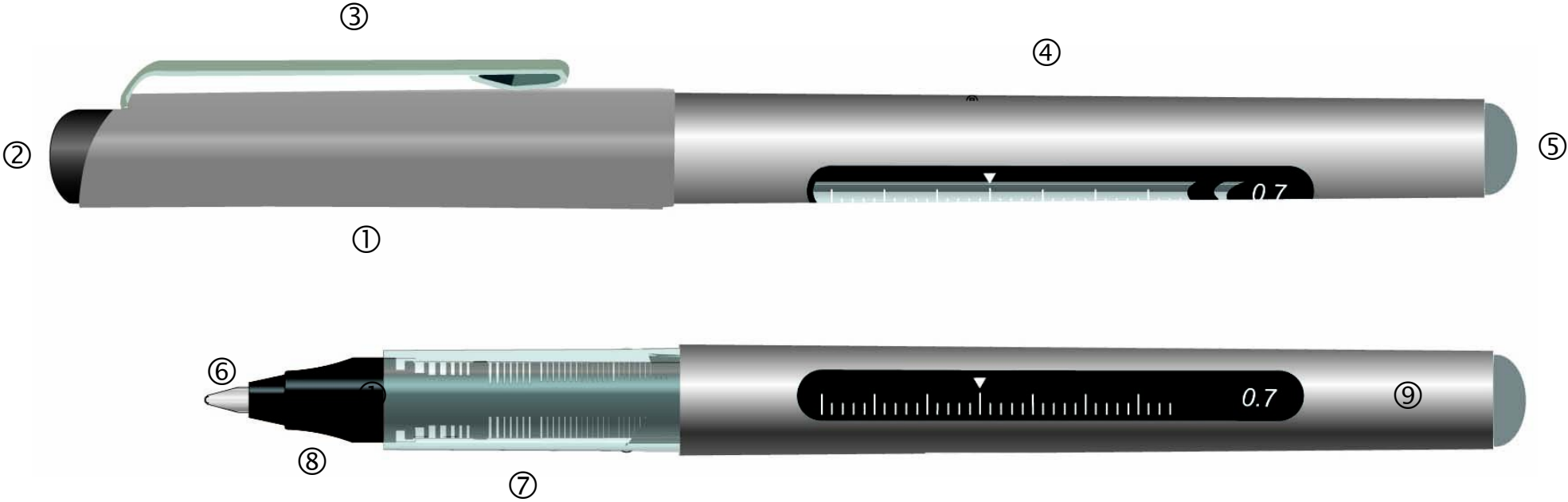
### **[Without cap]**

Ink does not run dry even if the cap is removed for 2 – 3days

# Why Choose OHTO Free Ink Roller Pen by global brand pen manufacturers for their brand?

- Safe, Secure and Reliable Writing
- In-house manufacturing of Tip and Ink,  
two most important parts of a pen
- In-house automatic assembly line
- 100% Made In Japan
- Long experience of working as a  
OEM supplier

# Name of parts



Cap	Cap plug	Clip	Barrel	End plug	Tip with feeder	Regulator	Taper	Foil
①	②	③	④	⑤	⑥	⑦	⑧	⑨

# Cap ① (Material P.P.)

Available color options:

Glossy or MATT(matter have JAPAN emboss)



Grey



Semi-transparent ink color  
(Blue/Black/Red/Green only)



Transparent



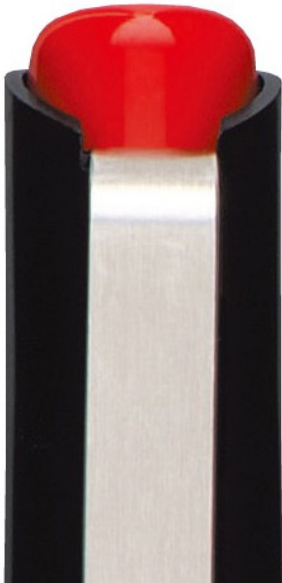
Black

# Cap plug ② (Material P.P.)

Available options:

- Shape

Circle type



Slant type



- Color

Black

Blue

Red

Green

Orange

Pink

Violet

Wine red

Light green

Sky blue

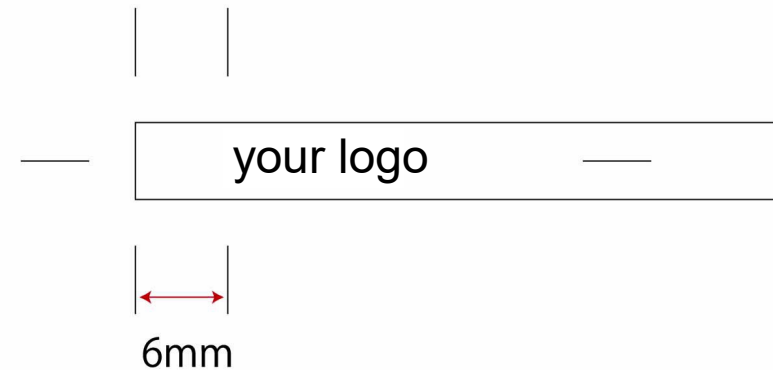
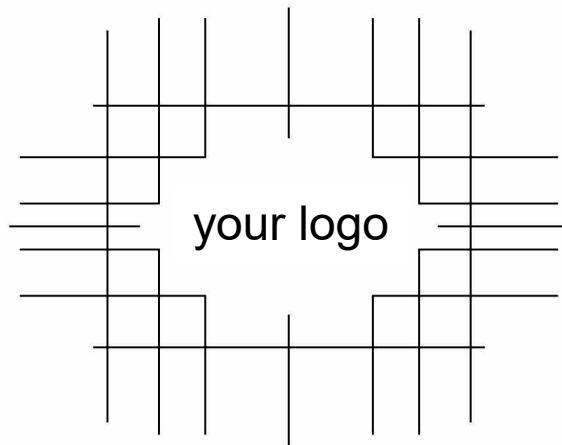
# Clip ③ (Material SUS)

Available option: LOGO emboss

「 Logo emboss example 」

W10.9×H3 mm

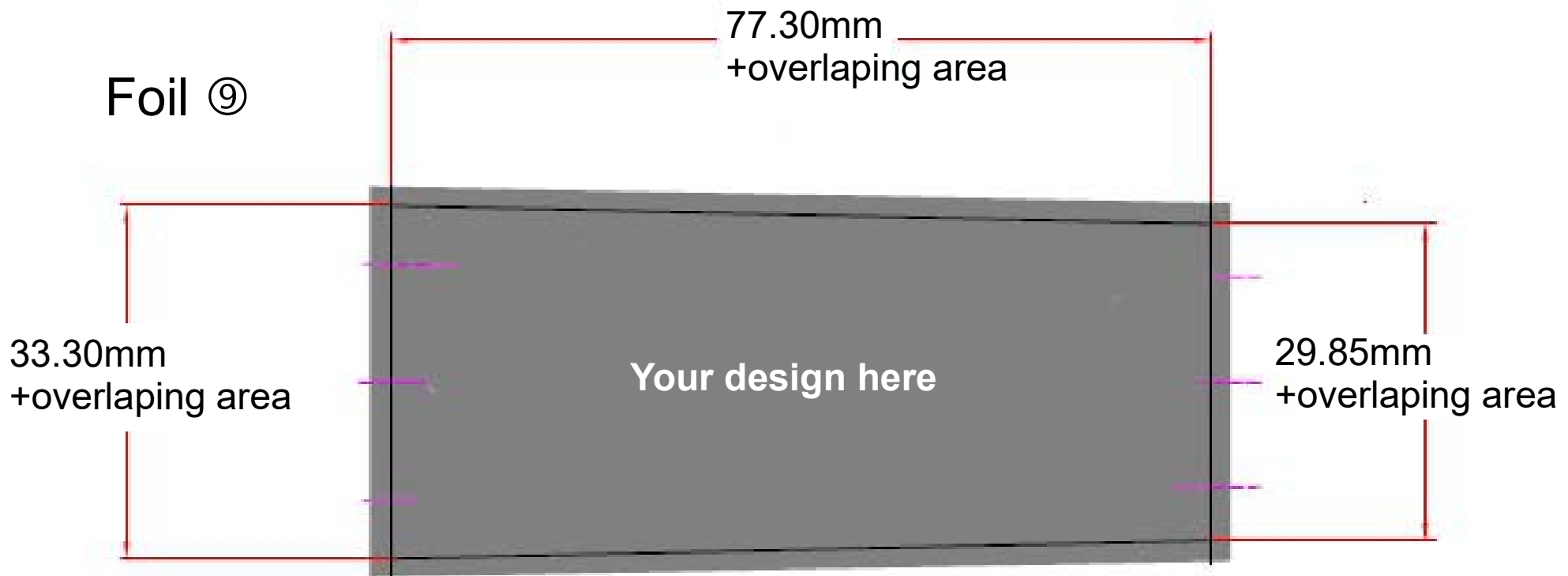
position



image



# Barrel ④ (Material P.P.)

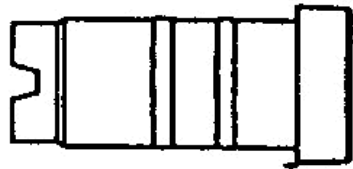




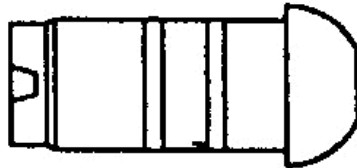
# End plug ⑤ (Material P.P.)

Available options:

## ■ Shape



Flat type



Oval type

## ■ Color

Black

Blue

Red

Green

Orange

Pink

Violet

Wine red

Light green

Sky blue

Grey(in Oval type only)

# Tip with Feeder ⑥

(Material Tip: SUS, Ball: TC  
Feeder: Polyster)

Available options:



**Cone shape**

Available ball size

0.5mm  
0.7mm  
1.0mm



**Needle shape**

Available ball size

0.3mm  
0.4mm  
0.5mm  
0.7mm  
1.0mm  
1.5mm

# Regulator ⑦ (Material ABS)



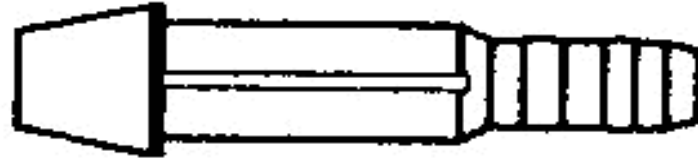
## **Available options: Color of regulator**

Option 1)  
Blue/Black/Red/Green Ink color  
Others Trasparent or Black

Option 2)  
All Transparent

Option 3)  
All Black

# Taper ⑧ (Material POM)



Color: Same as ink color

# Ink

(Pigmented Waterproof/Fadeproof)

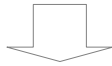
Available colors;

- 1) Black
- 2) Blue
- 3) Red
- 4) Green
- 5) Orange
- 6) Pink
- 7) Violet
- 8) Wine red
- 9) Light green
- 10) Sky blue

# Packaging(specimen)



12pc(dozen box)



144pc(gross box)



864pc(master carton)

## Work flow and Lead time from start till shipment.

Step	Job	Customer	OHTO	Remark
1)	Submit product sample /SDS for quality evaluation		●	
2)	Finalize product specification	●		
3)	Foil(barrel) design(.ai file)	●		
4)	Packaging design(.ai file)	●		
5)	Clip logo design(.ai file)	●		
6)	Order confirmation	●		Shipment shall be within 90days from this date.
7)	Start manufacturing parts		●	
8)	Cylinder development		●	
9)	Foil print(image data) confirmation	●		
10)	Clip logo artwork confirmation	●		
11)	Block(packaging)development		●	
12)	Packaging Print proof	●		
13)	Start mass printing of Foil/Packaging material/Clip embossing		●	
14)	Start assembly		●	
15)	Receive balance payment/Effect Shipment		●	