



OHTO

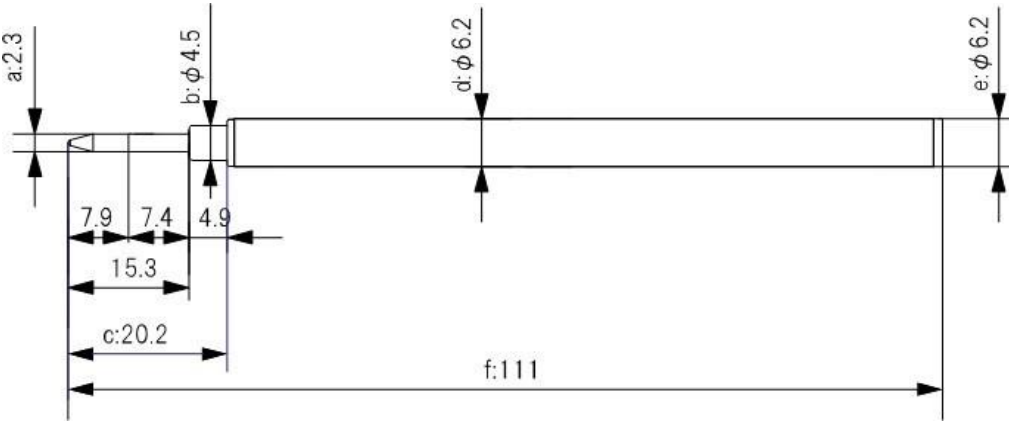
OHTO Co., Ltd.
URL : <http://ohto.co.jp>

2024

Technical information

A type Roller Ball Refill according to ISO14145

Dimension



Specification

Ball diameter	0.4mm/EF	0.5mm/EF	0.7mm/F	1.0mm/M
Ball material	CERAMIC SILICON CARBIDE (SiC)			
Tip housing material	Stainless Steel			
Tube material	Stainless Steel			
Connector material & color	Material:PP	Color: Black		
End plug material & color	Material:PE	Color: Black, Red, Blue		
Artwork & Production Lot.No	Silk Screen Print under UV ray. Production lot.no is printed with the silk screen.			
Cap	Material:PP	Color: Black, Red, Blue, Blue Black		
Ink color (Dyestuff color)	Black	Red	Blue	Blue Black
Ink amount	0.95g			

Performance

tested according to ISO27668

Ball diameter	0.4mm/EF	0.5mm/EF	0.7mm/F	1.0mm/M
Ink lay down	70mg	85mg	80mg	95mg
Writing length	1000m	800m	700m	500m
Line width	0.24mm	0.25mm	0.3mm	0.37mm

*The number is the average value of black ink

Shelf Life

3years (1year in case of cap off condition)

Special Features

- OHTO pioneered heating and polishing technology convert a ceramic into a writing ball featuring property of diamond like hardness with natural craters that work to reserve ink. Natural reservation of ink on these crators gives very smooth writing.
- FINE CERAMIC BALL is rust free, thus possess everlasting preservation stability