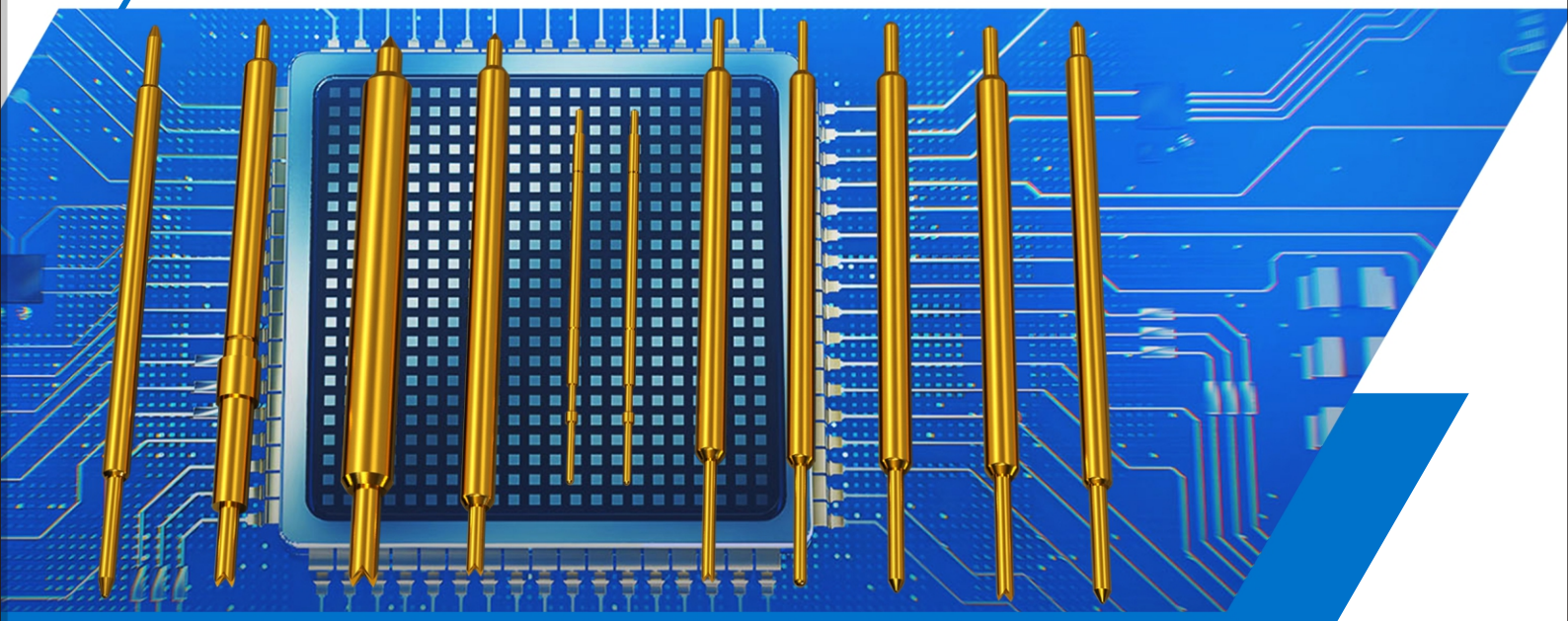


Semiconductor Probes

ShenZhen Ouruite Industry Co.Ltd

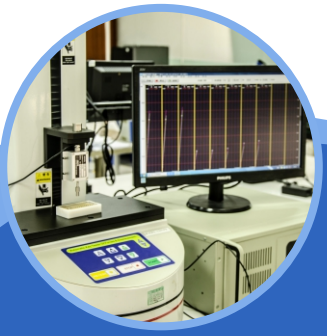
ShenZhen Ouruite Industry Co.Ltd

Company profile

Shenzhen Ouruite Industry Co.Ltd, was founded in 2003, is a self-development 、design、manufacturing、sales set in one-scale National high-tech enterprise. Our products mainly include probes, such as BGA probes, high current probes, PCB/ICT/FCTprobes, wire harness switches, etc. And processing various of hardware, they mainly apply in high-tech products testing、electronics industry、semiconductor industry、automotive industry and other industries.

We have more than 150 employees, among of them more than 50 are professional backbone. At the same time, introducing various of advanced equipment at home and board, such as :Japanese high-precision CNC lathes more than 80, Japan and Switzerland automatic lathes more than 70, and kinds of testing equipment

Company is people-oriented , we pursuit stability、perfection、excellence on product design and provide solution as perfect as possible for customers. Continue R&D and invention is our eternal pursuit theme. In the future(3-5 years), strive to create a flag in Southeast of China



CONTENTS

ORTC015-9B9B(DD)-52-8...../01
ORTA020-6BF(SS)-57-12-120...../01

ORTA026-6BF(SS)-57-10-120...../02
ORTA026-6BF(SS)-67-21-120...../02

ORTA028-6BF(BB)-57-25-30...../03
ORTA028-6BF(BB)-67-12-120...../03

ORTA030-6BF(BB)-32-20(U) ...../04
ORTA031-6BF(BB)-33-20(U)...../04

ORTE031-6BF(BB)-33-25-120...../05
ORTA031-6BF(BB)-48-20-80...../05

ORTA031-6BF(BS)-57-25-120...../06
ORTA031-6BF(SS)-76-28-120...../06

ORTC033-DD(BB)-184-25-50...../07

ORTG035-FCD-32-27...../08
ORTA035-6BF(BB)-57-XX-120...../08

ORTA035-6BF(BB)-63-30-120...../09

ORTA038-6BF(BB)-33-27-120...../10
ORTA038-6BF(BB)-45-26-120...../10

ORTA038-6BF(BB)-57-XX-120...../11
ORTB038-6BF(BB)-57-30(U)...../11

ORTA038-6BF(BB)-62-XX-120...../12
ORTB038-6BF(BB)-88-23(W)...../12

ORTE038-F9B(BB)-25-18...../13
ORTE038-FC9B(BB)-33-26...../13

ORTA048-6BF(BB)-61-20-40...../14
ORTA048-6BF(BB)-81-40-40...../14

ORTA051-6BF(BB)-57-25-40...../15
ORTA051-6BF(BB)-31-20-40...../15

ORTA051-6BF(BB)-63-25-40...../16
ORTA051-6BF(BB)-67-25-30...../16

ORTA058-6BF(BB)-57-30-40...../17
ORTA058-6BF(BB)-63-25-40...../17

ORTA058-6BF(BB)-89-30-40...../18
ORTA058-6BF(BB)-9.45-30-40...../18

ORTA058-6BT(BS)-270-70(W)...../19
ORTC063-9B9B(BB)-185-30-40...../19

ORTA068-DD(BB)-81-30-40...../20
ORTA068-DD(BB)-85-30-40...../20

ORTA078-6DF(BB)-35-50-40...../21
ORTA078-6BF(BB)-57-34-40...../21

ORTA078-6BF(BB)-72-30-30...../22
ORTA078-6BF(BB)-89-30-30...../22

ORTA078-6BF(BB)-63-34-30...../23
ORTA078-6BF(BB)-68-34-30...../23

ORTA078-6BF(BB)-100-30-30...../24
ORTD078-6BF(BB)-115-40-30...../24

ORTA078-TT(BS)-260-70-40...../25

ORTE080-6B6B(BB)-76-30-60...../26
ORTA080-DF(BB)-125-43-60...../26

ORTA081-F6B(BB)-33-20-60...../27
ORTA081-F6B(BB)-57-30-30...../27

ORTD085-9BD(SS)-197-60-30...../28
ORTA085-DD(BB)-57-30...../28

ORTF089-DD-465-55...../29

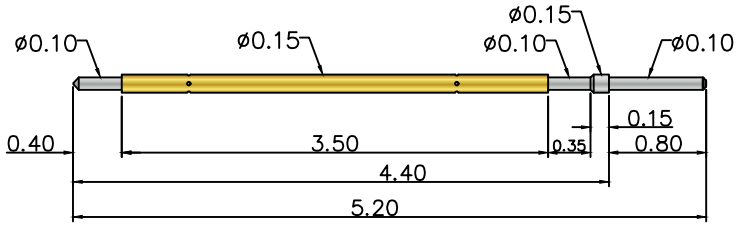
ORTA100-9BF(BB)-62-34-100...../30
ORTB100-BT(BB)-202-80...../30

ORTA101-9BF(BB)-130-50-60...../31
ORT127-9B9B(BB)-460-42...../31

ORTD167-TT(BB)-465-80...../32
ORTD167-9B9B-458-60...../32

Semiconductor Test Probes

ORTC015-9B9B(DD)-52-8



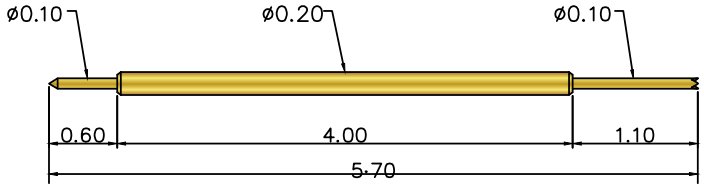
Top Plunger	
9B	90°
6B	60°
D	

Materials(Plated):		
Barrel:	Ph,	Au on Ni Plated
Plunger:	Sk4,	Au on Ni Plated
BOTTOM Plunger:	BECU,	Au on Ni Plated
Spring:	SWP,	Au on Ni Plated

Specifications:	
Recommended:	
Current Rating:	2amps
Contact Ressistance:	100milliohms max
Full Stroke:	1.1mm
Rated Stroke:	0.65mm
Spring Force:	8gf@load 0.4mm
Spring Life :	100000cycles(It depends on test condition)

Bottom Plunger	
90°	9B
60°	6B
	D

ORTA020-6BF(SS)-57-12-120



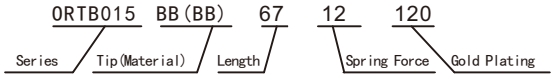
Top Plunger	
9B	90°
6B	60°
F	
D	

Materials(Plated):		
Barrel:	Ph,	Au on Ni Plated
Plunger:	Sk4,	Au on Ni Plated
BOTTOM Plunger:	BECU,	Au on Ni Plated
Spring:	SWP,	Au on Ni Plated

Specifications:	
Recommended:	
Current Rating:	2amps
Contact Ressistance:	100milliohms max
Full Stroke:	1.1mm
Rated Stroke:	0.65mm
Spring Force:	8gf@load 0.4mm
Spring Life:	100000cycles(It depends on test condition)

Bottom Plunger	
90°	9B
60°	6B
	F
	D

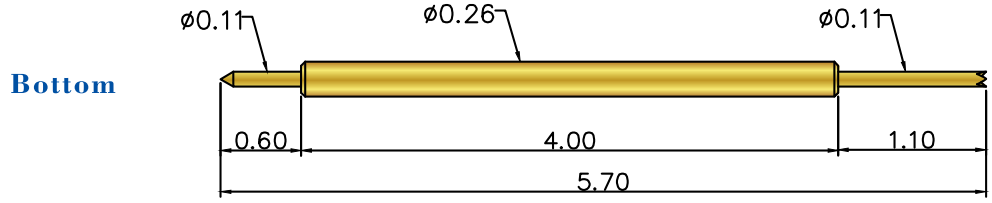
Ordering Example:



Make Test More Effective

Semiconductor Test Probes

ORTA026-6BF(SS)-57-10-120



Top Plunger	
9B	90°
6B	60°
F	
D	

Materials(Plated):

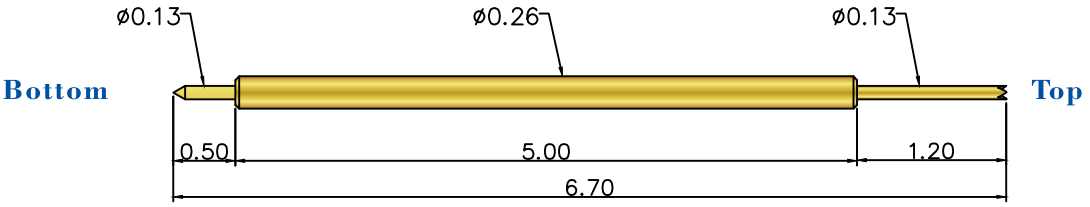
Barrel:	Ph,	Au on Ni Plated
Plunger:	Sk4,	Au on Ni Plated
BOTTOM Plunger:	Sk4,	Au on Ni Plated
Spring:	SWP,	Au on Ni Plated

Specifications:

Recommended:	
Current Rating:	2amps
Contact Ressistance:	100milliohms max
Full Stroke:	1.1mm
Rated Stroke:	0.65mm
Spring Force:	10gf@load 0.65mm
Spring Life:	100000cycles(It depends on test condition)

Bottom Plunger	
90°	9B
60°	6B
	F
	D

ORTA026-6BF(SS)-67-21-120



Top Plunger	
9B	90°
6B	60°
F	
D	

Materials(Plated):

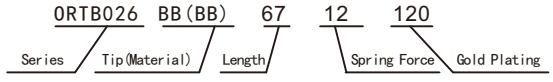
Barrel:	Ph,	Au on Ni Plated
Plunger:	Sk4,	Au on Ni Plated
BOTTOM Plunger:	EBCU,	Au on Ni Plated
Spring:	SWP,	Au on Ni Plated

Specifications:

Recommended:	
Current Rating:	2amps
Contact Ressistance:	100milliohms max
Full Stroke:	0.75mm
Rated Stroke:	0.5mm
Spring Force:	21gf@load 0.5mm
Spring Life:	100000cycles(It depends on test condition)

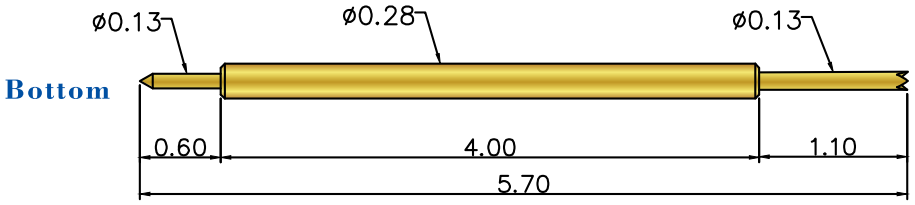
Bottom Plunger	
90°	9B
60°	6B
	F
	D

Ordering Example:



Semiconductor Test Probes

▶ ORTA028-6BF(BB)-57-25-30



Top Plunger	
9B	90°
6B	60°
F	
D	

Materials(Plated:

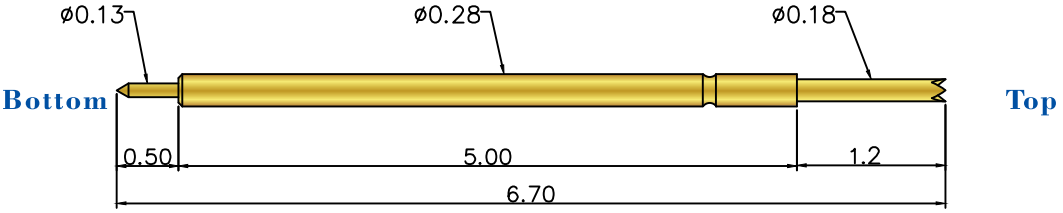
Barrel:	Ph,	Au on Ni Plated
Plunger:	Sk4,	Au on Ni Plated
BOTTOM Plunger:	BECU,	Au on Ni Plated
Spring:	SWP,	Au on Ni Plated

Specifications:

Recommended:	
Current Rating:	2amps
Contact Ressistance:	100milliohms max
Full Stroke:	1.1mm
Rated Stroke:	0.65mm
Spring Force:	25gf@load 0.65mm
Spring Life:	100000cycles(It depends on test condition)

Bottom Plunger	
90°	9B
60°	6B
	F
	D

▶ ORTA028-6BF(BB)-67-12-120



Top Plunger	
9B	90°
6B	60°
F	
D	

Materials(Plated):

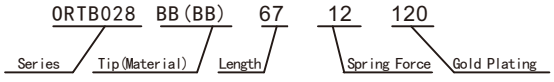
Barrel:	Ph,	Au on Ni Plated
Plunger:	Sk4,	Au on Ni Plated
BOTTOM Plunger:	BECU,	Au on Ni Plated
Spring:	SWP,	Au on Ni Plated

Specifications:

Recommended:	
Current Rating:	2amps
Contact Ressistance:	100milliohms max
Full Stroke:	1.0mm
Rated Stroke:	0.8mm
Spring Force:	12gf@load 0.8mm
Spring Life:	100000cycles(It depends on test condition)

Bottom Plunger	
90°	9B
60°	6B
	F
	D

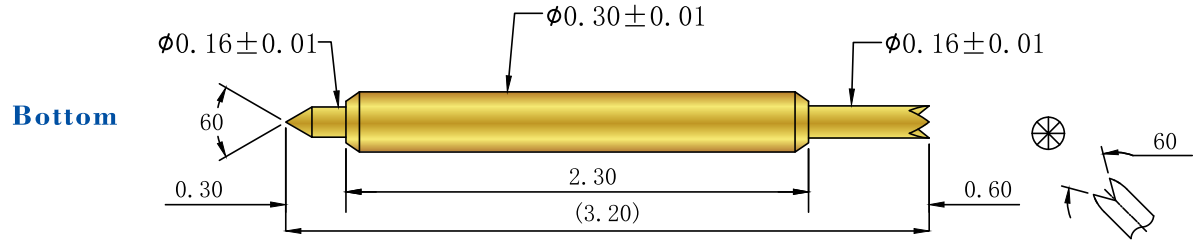
Ordering Example:



Make Test More Effective

Semiconductor Test Probes

ORTA030-6BF(BB)-32-20(U)



Top Plunger	
9B	90°
6B	60°
F	
D	

Materials(Plated):

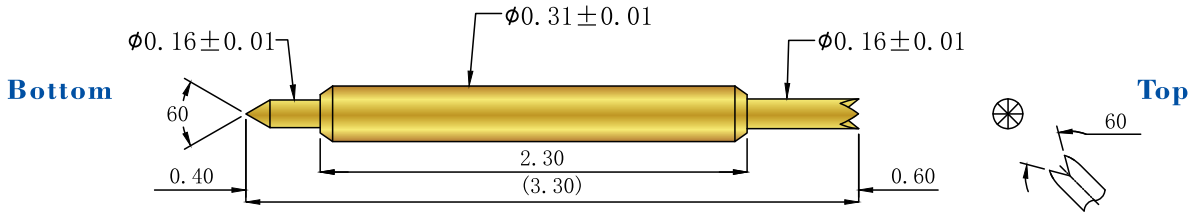
Barrel:	Ph,	Au on Ni Plated
Plunger:	Sk4,	Au on Ni Plated
BOTTOM Plunger:	BECU,	Au on Ni Plated
Spring:	SUS304,	Au over Ni Plated

Specifications:

Recommended:	
Current Rating:	1amps
Contact Ressistance:	100milliohms max
Full Stroke:	0.60mm
Rated Stroke:	0.50mm
Spring Force:	20±5gf@load 0.50mm
Spring Life:	100000cycles(It depends on test condition)

Bottom Plunger	
90°	9B
60°	6B
	F
	D

ORTA031-6BF(BB)-33-20(U)



Top Plunger	
9B	90°
6B	60°
F	
D	

Materials(Plated):

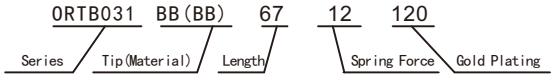
Barrel:	Ph,	Au on Ni Plated
Plunger:	Sk4,	Au on Ni Plated
BOTTOM Plunger:	BECU,	Au on Ni Plated
Spring:	SUS304,	Au over Ni Plated

Specifications:

Recommended:	
Current Rating:	1amps
Contact Ressistance:	100milliohms max
Full Stroke:	0.60mm
Rated Stroke:	0.50mm
Spring Force:	20±5gf@load 0.50mm
Spring Life:	100000cycles(It depends on test condition)

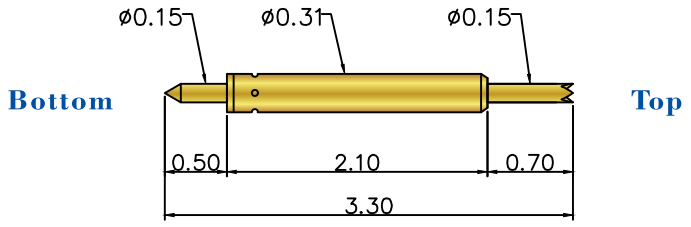
Bottom Plunger	
90°	9B
60°	6B
	F
	D

Ordering Example:



Semiconductor Test Probes

ORTE031-6BF(BB)-33-25-120



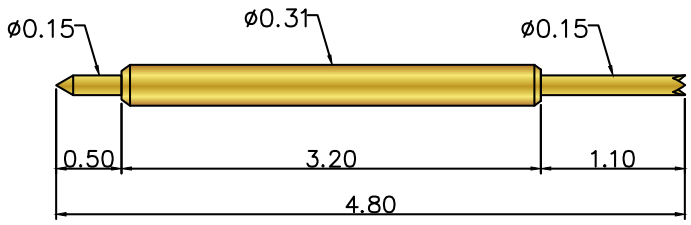
Top Plunger	
9B	90°
6B	60°
F	
D	

Materials(Plated):		
Barrel:	Ph,	Au on Ni Plated
Plunger:	Sk4,	Au on Ni Plated
BOTTOM Plunger:	BECU,	Au on Ni Plated
Spring:	SWP,	Au on Ni Plated

Specifications:	
Recommended:	
Current Rating:	2amps
Contact Ressistance:	100milliohms max
Full Stroke:	0.65mm
Rated Stroke:	0.5mm
Spring Force:	25gf@load 0.5mm
Spring Life:	100000cycles(It depends on test condition)

Bottom Plunger	
90°	9B
60°	6B
	F
	D

ORTA031-6BF(BB)-48-20-80



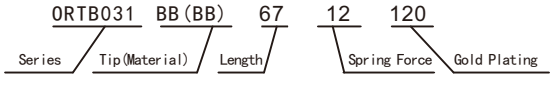
Top Plunger	
9B	90°
6B	60°
F	
D	

Materials(Plated):		
Barrel:	Ph,	Au on Ni Plated
Plunger:	BECU,	Au on Ni Plated
BOTTOM Plunger:	BECU,	Au on Ni Plated
Spring:	SWP,	Au on Ni Plated

Specifications:	
Recommended:	
Current Rating:	1amps
Contact Ressistance:	100milliohms max
Full Stroke:	0.9mm
Rated Stroke:	0.6mm
Spring Force:	20gf@load 0.6mm
Spring Life:	100000cycles(It depends on test condition)

Bottom Plunger	
90°	9B
60°	6B
	F
	D

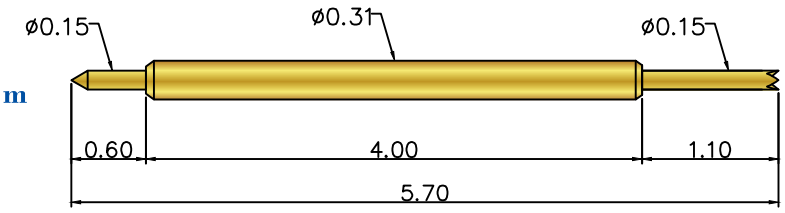
Ordering Example:



Make Test More Effective

Semiconductor Test Probes

ORTA031-6BF(BS)-57-25-120



Top Plunger	
9B	90°
6B	60°
F	
D	

Materials(Plated):

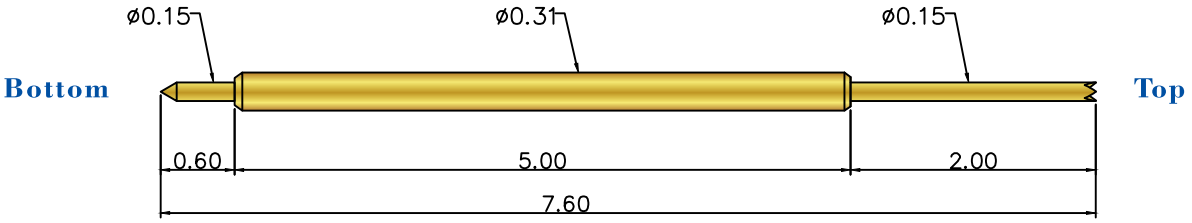
Barrel:	Ph,	Au on Ni Plated
Plunger:	Sk4,	Au on Ni Plated
BOTTOM Plunger:	BECU,	Au on Ni Plated
Spring:	SWP,	Au on Ni Plated

Specifications:

Recommended:	
Current Rating:	1amps
Contact Ressistance:	100milliohms max
Full Stroke:	1.1mm
Rated Stroke:	0.65mm
Spring Force:	25gf@load 0.65mm
Spring Life:	100000cycles(It depends on test condition)

Bottom Plunger	
90°	9B
60°	6B
	F
	D

ORTA031-6BF(SS)-76-28-120



Top Plunger	
9B	90°
6B	60°
F	
D	

Materials(Plated):

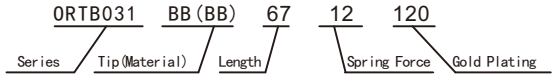
Barrel:	Ph,	Au on Ni Plated
Plunger:	Sk4,	Au on Ni Plated
BOTTOM Plunger:	BECU,	Au on Ni Plated
Spring:	SWP,	Au on Ni Plated

Specifications:

Recommended:	
Current Rating:	2amps
Contact Ressistance:	100milliohms max
Full Stroke:	1.1mm
Rated Stroke:	0.8mm
Spring Force:	28gf@load 0.8mm
Spring Life:	100000cycles(It depends on test condition)

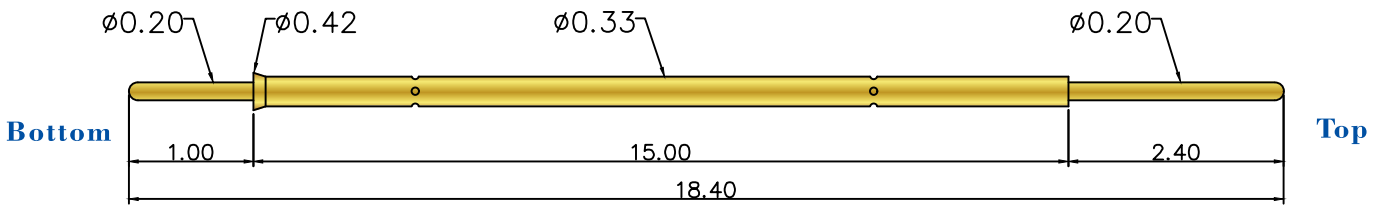
Bottom Plunger	
90°	9B
60°	6B
	F
	D

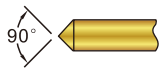
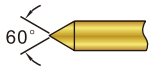
Ordering Example:



Semiconductor Test Probes

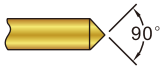
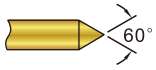
▶ ORTC033-DD(BB)-184-25-50



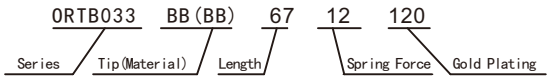
Top Plunger	
9B	
6B	
F	
D	

Materials(Plated):		
Barrel:	Ph,	Au on Ni Plated
Plunger:	Sk4,	Au on Ni Plated
BOTTOM Plunger:	BECU,	Au on Ni Plated
Spring:	SWP/SUS,	Au on Ni Plated

Specifications:	
Recommended:	
Current Rating:	1amps
Contact Ressistance:	200milliohms max
Full Stroke:	3.4mm
Rated Stroke:	2.2mm
Spring Force:	25gf@load 2.2mm
Spring Life:	100000cycles(It depends on test condition)

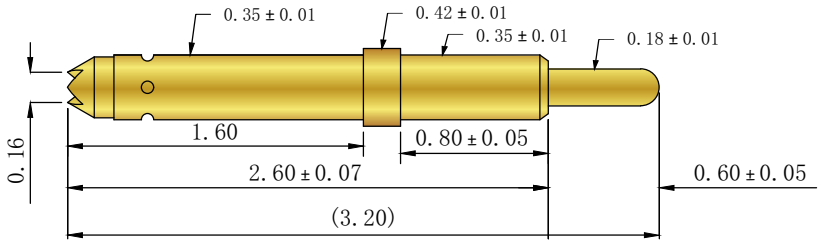
Bottom Plunger	
	9B
	6B
	F
	D

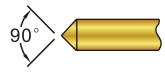
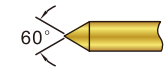
Ordering Example:



Semiconductor Test Probes

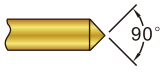
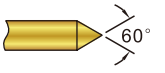
ORTG035-FCD-32-27



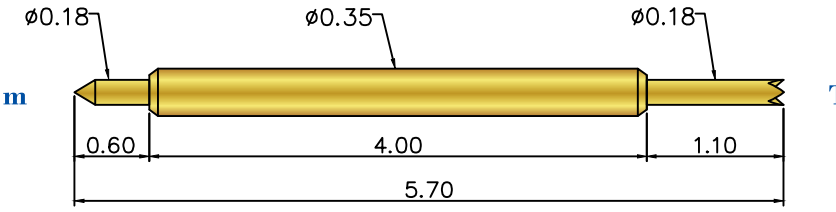
Top Plunger	
9B	
6B	
F	
D	

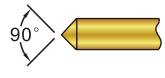
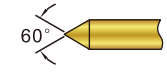
Materials(Plated):		
Plunger:	BeCu,	Au on Ni Plated
BOTTOM Plunger:	BeCu,	Au on Ni Plated
Barrel:	Ph,	Au on Ni Plated
Spring:	SUS304,	Au on Ni Plated

Specifications:	
Recommended:	
Current Rating:	2amps
Contact Ressistance:	100milliohms max
Full Stroke:	0.60mm
Rated Stroke:	0.40mm
Spring Force:	27±6gf@load 0.40mm
Spring Life:	100000cycles(It depends on test condition)

Bottom Plunger	
	9B
	6B
	F
	D

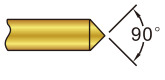
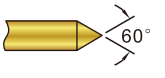
ORTA035-6BF(BB)-57-XX-120



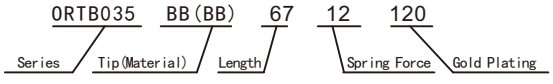
Top Plunger	
9B	
6B	
F	
D	

Materials(Plated):		
Barrel:	Ph,	Au on Ni Plated
Plunger:	BECU,	Au on Ni Plated
BOTTOM Plunger:	BECU,	Au on Ni Plated
Spring:	SWP,	Au on Ni Plated

Specifications:	
Recommended:	
Current Rating:	1amps
Contact Ressistance:	100milliohms max
Full Stroke:	1.1mm
Rated Stroke:	0.65mm
Spring Force:	10g/18g/30g/38g
Spring Life:	100000cycles(It depends on test condition)

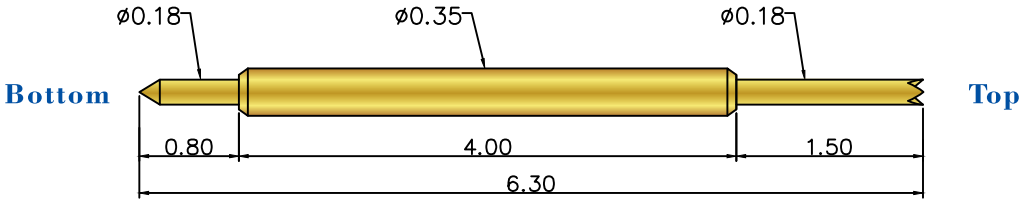
Bottom Plunger	
	9B
	6B
	F
	D

Ordering Example:



Semiconductor Test Probes

▶ ORTA035-6BF(BB)-63-30-120



Top Plunger	
9B	90°
6B	60°
F	
D	

Materials(Plated):

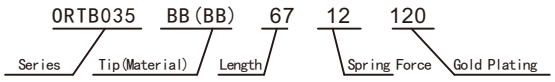
Barrel:	Ph,	Au on Ni Plated
Plunger:	BECU,	Au on Ni Plated
BOTTOM Plunger:	BECU,	Au on Ni Plated
Spring:	SWP/SUS,	Au on Ni Plated

Specifications:

Recommended:	
Current Rating:	1amps
Contact Ressistance:	100milliohms max
Full Stroke:	1.4mm
Rated Stroke:	0.8mm
Spring Force:	30gf@load 0.8mm
Spring Life:	100000cycles(It depends on test condition)

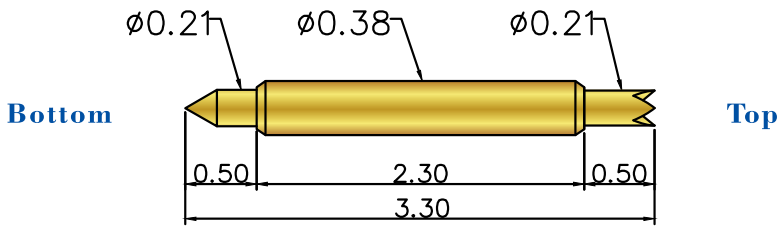
Bottom Plunger	
90°	9B
60°	6B
	F
	D

Ordering Example:



Semiconductor Test Probes

ORTA038-6BF(BB)-33-27-120



Top Plunger	
9B	90°
6B	60°
F	
D	

Materials(Plated):

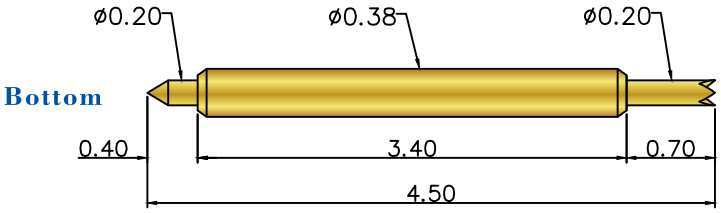
Barrel:	Ph,	Au on Ni Plated
Plunger:	Sk4,	Au on Ni Plated
BOTTOM Plunger:	BECU,	Au on Ni Plated
Spring:	SWP/SUS,	Au on Ni Plated

Specifications:

Recommended:	
Current Rating:	2amps
Contact Ressistance:	100milliohms max
Full Stroke:	0.7mm
Rated Stroke:	0.5mm
Spring Force:	27gf@load 0.5mm
Spring Life:	100000cycles(It depends on test condition)

Bottom Plunger	
90°	9B
60°	6B
	F
	D

ORTA038-6BF(BB)-45-26-120



Top Plunger	
9B	90°
6B	60°
F	
D	

Materials(Plated):

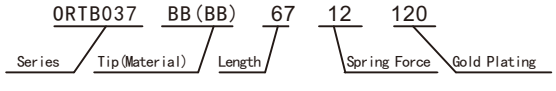
Barrel:	Ph,	Au on Ni Plated
Plunger:	BECU,	Au on Ni Plated
BOTTOM Plunger:	BECU,	Au on Ni Plated
Spring:	SWP,	Au on Ni Plated

Specifications:

Recommended:	
Current Rating:	1.5amps
Contact Ressistance:	100milliohms max
Full Stroke:	0.65mm
Rated Stroke:	0.55mm
Spring Force:	26gf@load 0.55mm
Spring Life:	100000cycles(It depends on test condition)

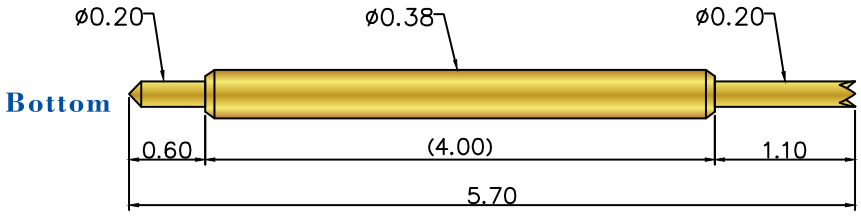
Bottom Plunger	
90°	9B
60°	6B
	F
	D

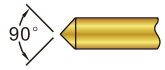
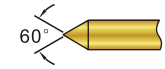
Ordering Example:



Semiconductor Test Probes

▶ ORTA038-6BF(BB)-57-XX-120



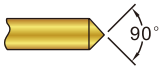
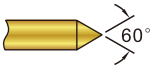
Top Plunger	
9B	
6B	
F	
D	

Materials(Plated):

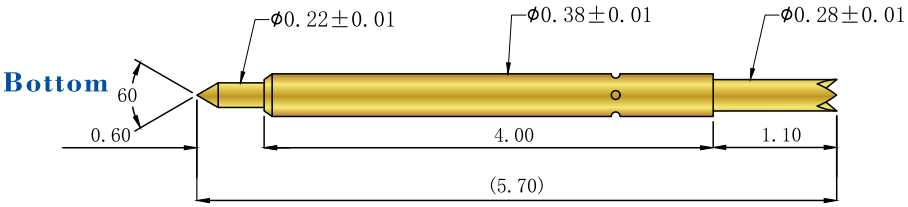
Barrel:	Ph,	Au on Ni Plated
Plunger:	BECU,	Au on Ni Plated
BOTTOM Plunger:	BECU,	Au on Ni Plated
Spring:	SWP,	Au on Ni Plated

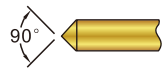
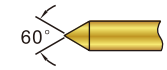
Specifications:

Recommended:	
Current Rating:	1amps
Contact Ressistance:	100milliohms max
Full Stroke:	1.1mm
Rated Stroke:	0.65mm
Spring Force:	10g/18g/30g/38g
Spring Life:	100000cycles(It depends on test condition)

Bottom Plunger	
	9B
	6B
	F
	D

▶ ORTB038-6BF(BB)-57-30(U)



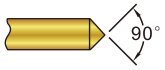
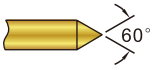
Top Plunger	
9B	
6B	
F	
D	

Materials(Plated):

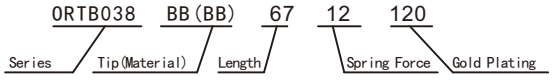
Barrel:	Ph,	Au on Ni Plated
Plunger:	BECU,	Au on Ni Plated
BOTTOM Plunger:	BECU,	Au on Ni Plated
Spring:	SUS304,	Au on Ni Plated

Specifications:

Recommended:	
Current Rating:	1amps
Contact Ressistance:	100milliohms max
Full Stroke:	0.90mm
Rated Stroke:	0.65mm
Spring Force:	30±6gf@load 0.65mm
Spring Life:	100000cycles(It depends on test condition)

Bottom Plunger	
	9B
	6B
	F
	D

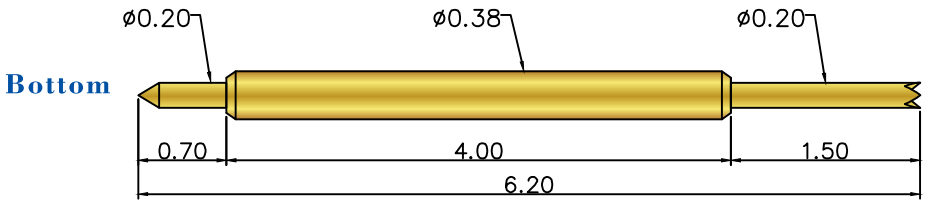
Ordering Example:

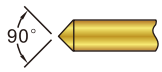
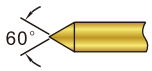


Make Test More Effective

Semiconductor Test Probes

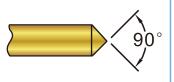
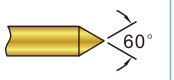
ORTA038-6BF(BB)-62-XX-120



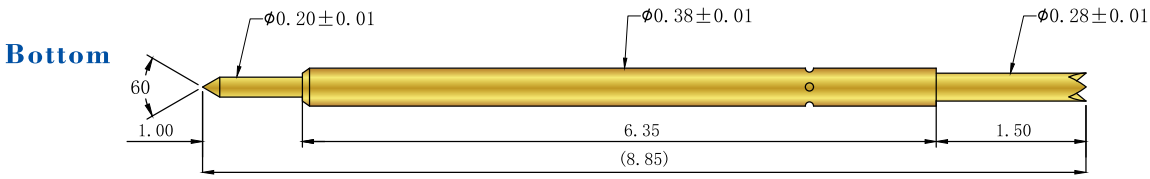
Top Plunger	
9B	
6B	
F	
D	

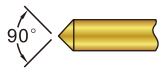
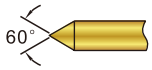
Materials(Plated):		
Barrel:	Ph,	Au on Ni Plated
Plunger:	BECU,	Au on Ni Plated
BOTTOM Plunger:	BECU,	Au on Ni Plated
Spring:	SUS,	Au on Ni Plated

Specifications:	
Recommended:	
Current Rating:	2amps
Contact Ressistance:	100milliohms max
Full Stroke:	1.0mm
Rated Stroke:	0.65mm
Spring Force:	18g/30g/40g
Spring Life:	100000cycles(It depends on test condition)

Bottom Plunger	
	9B
	6B
	F
	D

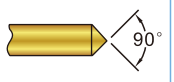
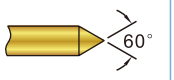
ORTB038-6BF(BB)-88-23(W)



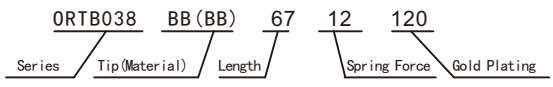
Top Plunger	
9B	
6B	
F	
D	

Materials(Plated):		
Barrel:	Ph,	Au on Ni Plated
Plunger:	BECU,	Au on Ni Plated
BOTTOM Plunger:	BECU,	Au on Ni Plated
Spring:	SWP,	Au on Ni Plated

Specifications:	
Recommended:	
Current Rating:	1amps
Contact Ressistance:	180milliohms max
Full Stroke:	2.0mm
Rated Stroke:	0.70mm
Spring Force:	23±5gf@0.70mm
Spring Life:	100000cycles(It depends on test condition)

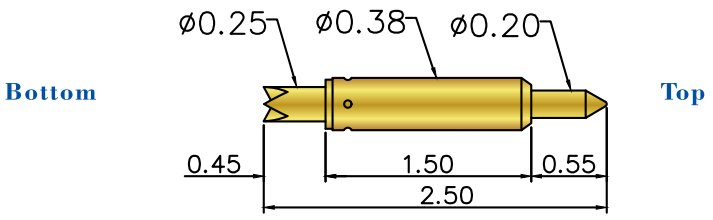
Bottom Plunger	
	9B
	6B
	F
	D

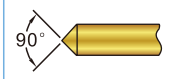
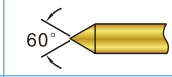
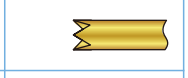
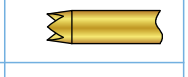
Ordering Example:



Semiconductor Test Probes

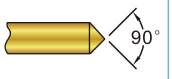
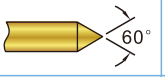
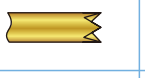
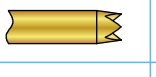
ORTE038-F9B(BB)-25-18



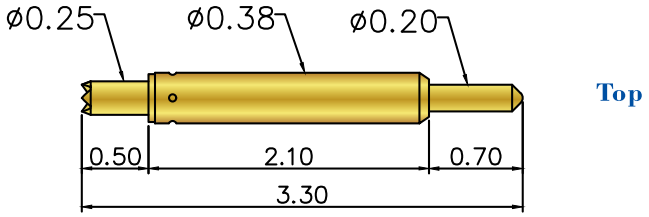
Top Plunger	
9B	
6B	
F	
FC	
D	

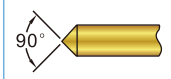
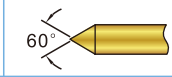
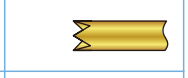
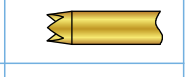
Materials(Plated):		
Barrel:	Ph,	Au on Ni Plated
Plunger:	BECU,	Au on Ni Plated
BOTTOM Plunger:	BECU,	Au on Ni Plated
Spring:	SWP,	Au on Ni Plated

Specifications:	
Recommended:	
Current Rating:	1amps
Contact Ressistance:	100milliohms max
Full Stroke:	1.1mm
Rated Stroke:	0.65mm
Spring Force:	10g/18g/30g/38g
Spring Life:	100000cycles(It depends on test condition)

Bottom Plunger	
	9B
	6B
	F
	FC
	D

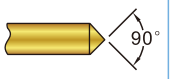
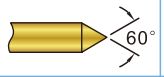
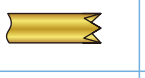
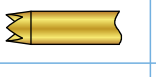
ORTE038-FC9B(BB)-33-26



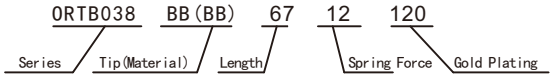
Top Plunger	
9B	
6B	
F	
FC	
D	

Materials(Plated):		
Barrel:	Ph,	Au on Ni Plated
Plunger:	BECU,	Au on Ni Plated
BOTTOM Plunger:	BECU,	Au on Ni Plated
Spring:	SWP,	Au on Ni Plated

Specifications:	
Recommended:	
Current Rating:	2amps
Contact Ressistance:	100milliohms max
Full Stroke:	2.0mm
Rated Stroke:	1.4mm
Spring Force:	43gf@load 1.4mm
Spring Life:	100000cycles(It depends on test condition)

Bottom Plunger	
	9B
	6B
	F
	FC
	D

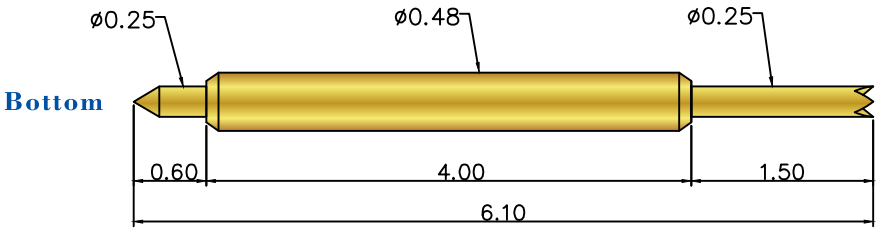
Ordering Example:



Make Test More Effective

Semiconductor Test Probes

ORTA048-6BF(BB)-61-20-40



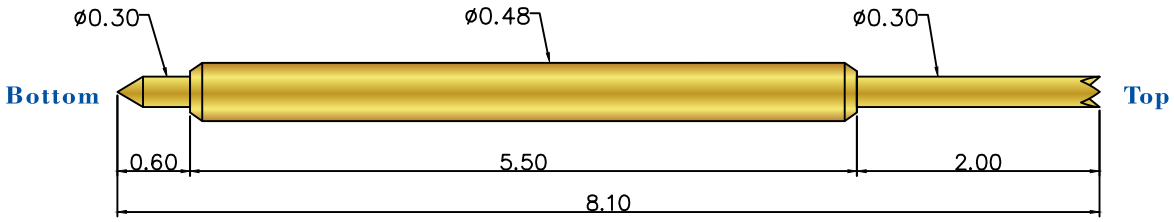
Top Plunger	
9B	90°
6B	60°
F	
D	

Materials(Plated):		
Barrel:	Ph,	Au on Ni Plated
Plunger:	BECU,	Au on Ni Plated
BOTTOM Plunger:	BECU,	Au on Ni Plated
Spring:	SWP,	Au on Ni Plated

Specifications:	
Recommended:	
Current Rating:	1amps
Contact Ressistance:	100milliohms max
Full Stroke:	1.1mm
Rated Stroke:	0.8mm
Spring Force:	20gf@load 0.8mm
Spring Life:	100000cycles(It depends on test condition)

Bottom Plunger	
90°	9B
60°	6B
	F
	D

ORTA048-6BF(BB)-81-40-40



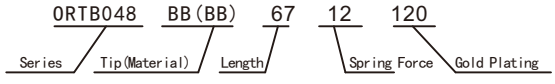
Top Plunger	
9B	90°
6B	60°
F	
D	

Materials(Plated):		
Barrel:	Ph,	Au on Ni Plated
Plunger:	BECU,	Au on Ni Plated
BOTTOM Plunger:	BECU,	Au on Ni Plated
Spring:	SWP,	Au on Ni Plated

Specifications:	
Recommended:	
Current Rating:	1amps
Contact Ressistance:	100milliohms max
Full Stroke:	1.8mm
Rated Stroke:	1.8mm
Spring Force:	40gf@load 1.8mm
Spring Life:	100000cycles(It depends on test condition)

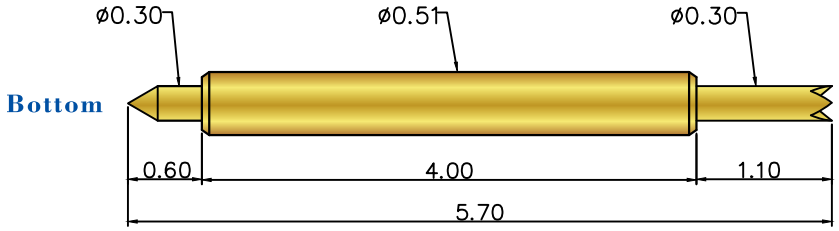
Bottom Plunger	
90°	9B
60°	6B
	F
	D

Ordering Example:



Semiconductor Test Probes

▶ ORTA051-6BF(BB)-57-25-40



Top Plunger	
9B	90°
6B	60°
F	
D	

Materials(Plated):

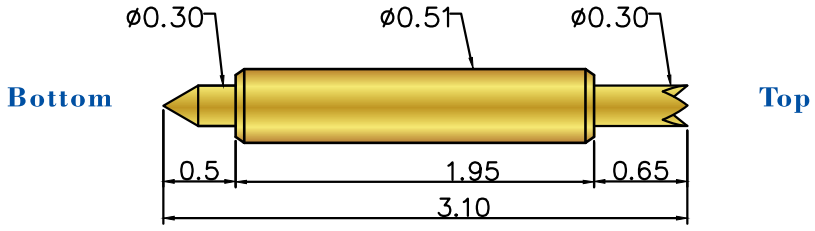
Barrel:	Ph,	Au on Ni Plated
Plunger:	BECU,	Au on Ni Plated
BOTTOM Plunger:	BECU,	Au on Ni Plated
Spring:	SWP,	Au on Ni Plated

Specifications:

Recommended:	
Current Rating:	2amps
Contact Ressistance:	100milliohms max
Full Stroke:	1.1mm
Rated Stroke:	0.65mm
Spring Force:	25gf@load 0.65mm
Spring Life:	100000cycles(It depends on test condition)

Bottom Plunger	
90°	9B
60°	6B
	F
	D

▶ ORTA051-6BF(BB)-31-20-40



Top Plunger	
9B	90°
6B	60°
F	
D	

Materials(Plated):

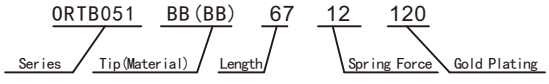
Barrel:	Ph,	Au on Ni Plated
Plunger:	BECU,	Au on Ni Plated
BOTTOM Plunger:	BECU,	Au on Ni Plated
Spring:	SWP,	Au on Ni Plated

Specifications:

Recommended:	
Current Rating:	1amps
Contact Ressistance:	100milliohms max
Full Stroke:	0.7mm
Rated Stroke:	0.5mm
Spring Force:	20gf@load 0.5mm
Spring Life:	100000cycles(It depends on test condition)

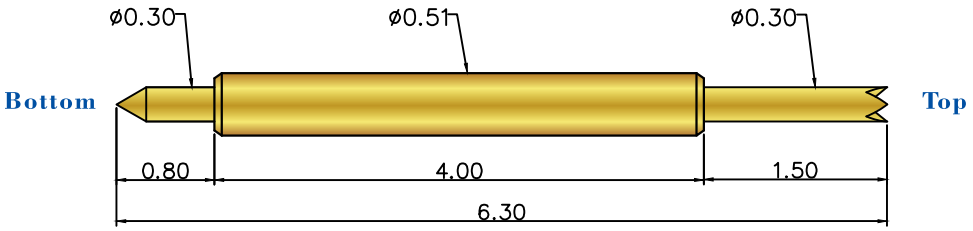
Bottom Plunger	
90°	9B
60°	6B
	F
	D

Ordering Example:



Semiconductor Test Probes

ORTA051-6BF(BB)-63-25-40



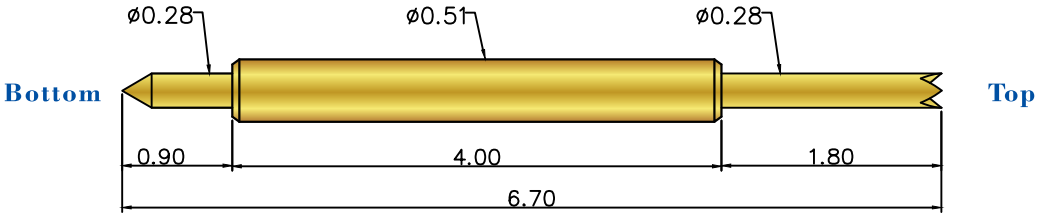
Top Plunger	
9B	90°
6B	60°
F	
D	

Materials(Plated):		
Barrel:	Ph,	Au on Ni Plated
Plunger:	BECU,	Au on Ni Plated
BOTTOM Plunger:	BECU,	Au on Ni Plated
Spring:	SWP,	Au on Ni Plated

Specifications:	
Recommended:	
Current Rating:	2amps
Contact Ressistance:	100milliohms max
Full Stroke:	1.0mm
Rated Stroke:	0.65mm
Spring Force:	25gf@load 0.65mm
Spring Life:	100000cycles(It depends on test condition)

Bottom Plunger	
90°	9B
60°	6B
	F
	D

ORTA051-6BF(BB)-67-25-30



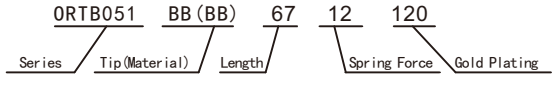
Top Plunger	
9B	90°
6B	60°
F	
D	

Materials(Plated):		
Barrel:	Ph,	Au on Ni Plated
Plunger:	BECU,	Au on Ni Plated
BOTTOM Plunger:	BECU,	Au on Ni Plated
Spring:	SWP,	Au on Ni Plated

Specifications:	
Recommended:	
Current Rating:	1amps
Contact Ressistance:	100milliohms max
Full Stroke:	1.0mm
Rated Stroke:	0.65mm
Spring Force:	25gf@load 0.65mm
Spring Life:	100000cycles(It depends on test condition)

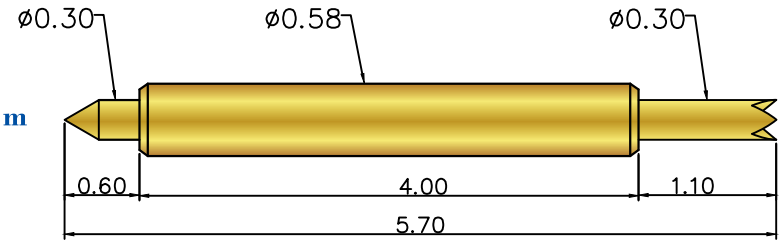
Bottom Plunger	
90°	9B
60°	6B
	F
	D

Ordering Example:



Semiconductor Test Probes

▶ ORTA058-6BF(BB)-57-30-40



Top Plunger	
9B	90°
6B	60°
F	
D	

Materials(Plated):

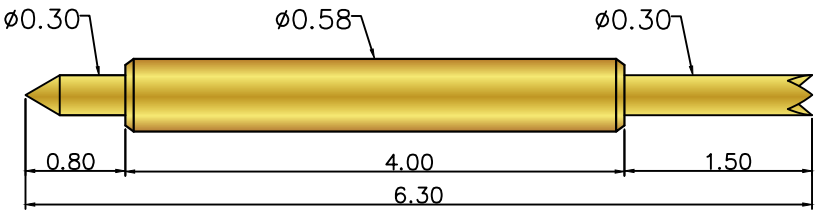
Barrel:	Ph,	Au on Ni Plated
Plunger:	BECU,	Au on Ni Plated
BOTTOM Plunger:	BECU,	Au on Ni Plated
Spring:	SWP,	Au on Ni Plated

Specifications:

Recommended:	
Current Rating:	2amps
Contact Ressistance:	100milliohms max
Full Stroke:	1.1mm
Rated Stroke:	0.65mm
Spring Force:	30gf@load 0.65mm
Spring Life:	100000cycles(It depends on test condition)

Bottom Plunger	
90°	9B
60°	6B
	F
	D

▶ ORTA058-6BF(BB)-63-25-40



Top Plunger	
9B	90°
6B	60°
F	
D	

Materials(Plated):

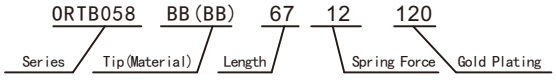
Barrel:	Ph,	Au on Ni Plated
Plunger:	BECU,	Au on Ni Plated
BOTTOM Plunger:	BECU,	Au on Ni Plated
Spring:	SWP,	Au on Ni Plated

Specifications:

Recommended:	
Current Rating:	3amps
Contact Ressistance:	100milliohms max
Full Stroke:	1.1mm
Rated Stroke:	0.65mm
Spring Force:	25gf@load 0.65mm
Spring Life:	100000cycles(It depends on test condition)

Bottom Plunger	
90°	9B
60°	6B
	F
	D

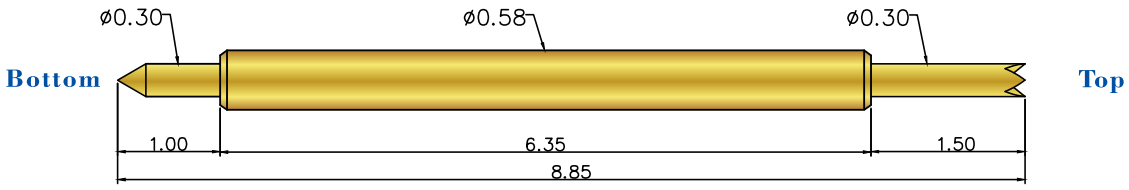
Ordering Example:



Make Test More Effective

Semiconductor Test Probes

ORTA058-6BF(BB)-89-30-40



Top Plunger	
9B	90°
6B	60°
F	
D	

Materials(Plated):

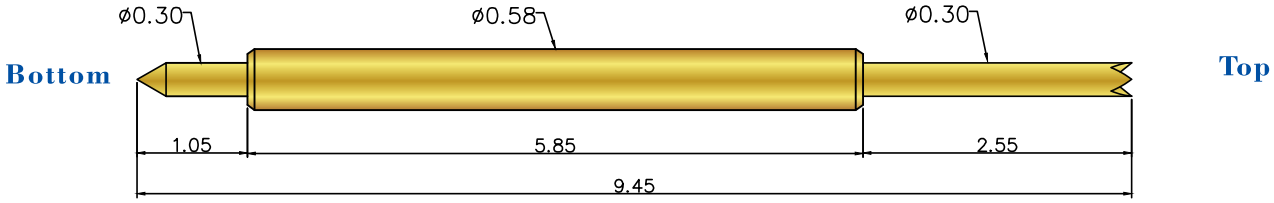
Barrel:	Ph,	Au on Ni Plated
Plunger:	BECU,	Au on Ni Plated
BOTTOM Plunger:	BECU,	Au on Ni Plated
Spring:	SWP,	Au on Ni Plated

Specifications:

Recommended:	
Current Rating:	2amps
Contact Ressistance:	100milliohms max
Full Stroke:	1.2mm
Rated Stroke:	0.8mm
Spring Force:	30gf@load 0.8mm
Spring Life:	100000cycles(It depends on test condition)

Bottom Plunger	
90°	9B
60°	6B
	F
	D

ORTA058-6BF(BB)-9.45-30-40



Top Plunger	
9B	90°
6B	60°
F	
D	

Materials(Plated):

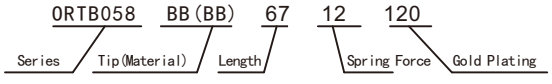
Barrel:	Ph,	Au on Ni Plated
Plunger:	BECU,	Au on Ni Plated
BOTTOM Plunger:	BECU,	Au on Ni Plated
Spring:	SWP,	Au on Ni Plated

Specifications:

Recommended:	
Current Rating:	1amps
Contact Ressistance:	100milliohms max
Full Stroke:	1.8mm
Rated Stroke:	1.35mm
Spring Force:	30gf@load 1.35mm
Spring Life:	100000cycles(It depends on test condition)

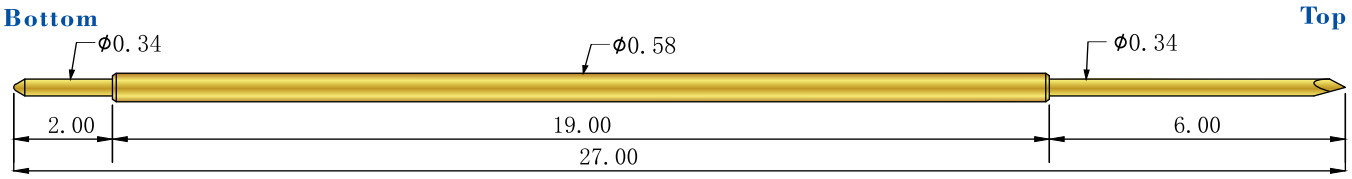
Bottom Plunger	
90°	9B
60°	6B
	F
	D

Ordering Example:



Semiconductor Test Probes

ORTA058-6BT(BS)-270-70(W)



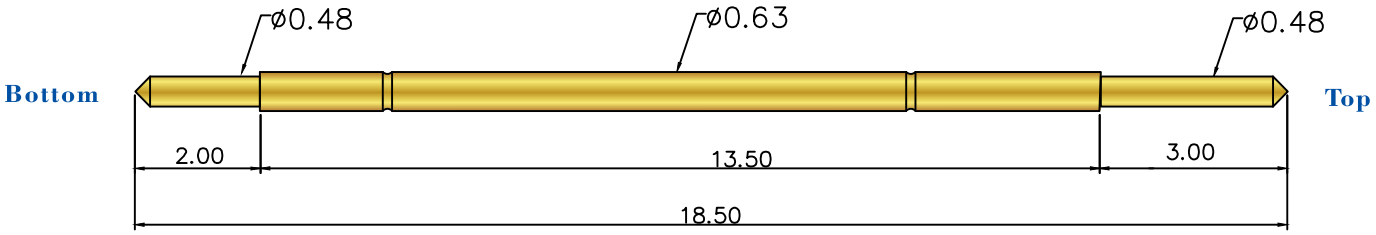
Top Plunger	
9B	90°
6B	60°
F	
D	
B	

Materials(Plated):		
Barrel:	Ph,	Au on Ni Plated
Plunger:	BECU,	Au on Ni Plated
BOTTOM Plunger:	BECU,	Au on Ni Plated
Spring(:	SWP/SUS,	Au on Ni Plated

Specifications:	
Recommended:	
Current Rating:	3amps
Contact Ressistance:	100milliohms max
Full Stroke:	5.5mm
Rated Stroke:	3.5mm
Spring Force:	70±14gf@load 3.5mm
Spring Life:	100000cycles(It depends on test condition)

Bottom Plunger	
90°	9B
60°	6B
	F
	D
	T

ORTC063-9B9B(BB)-185-30-40



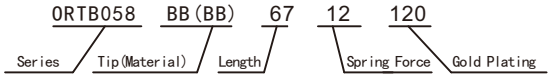
Top Plunger	
9B	90°
6B	60°
F	
D	

Materials(Plated):		
Barrel:	Ph,	Au on Ni Plated
Plunger:	BECU,	Au on Ni Plated
BOTTOM Plunger:	BECU,	Au on Ni Plated
Spring:	SWP/SUS,	Au on Ni Plated

Specifications:	
Recommended:	
Current Rating:	2amps
Contact Ressistance:	80milliohms max
Full Stroke:	4.0mm
Rated Stroke:	3.0mm
Spring Force:	30gf@load 3.0mm
Spring Life:	100000cycles(It depends on test condition)

Bottom Plunger	
90°	9B
60°	6B
	F
	D

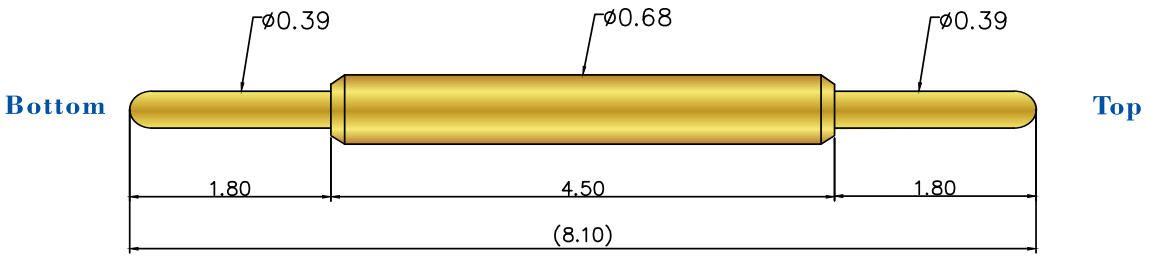
Ordering Example:



Make Test More Effective

Semiconductor Test Probes

ORTA068-DD(BB)-81-30-40



Top Plunger	
9B	90°
6B	60°
F	
D	

Materials(Plated):

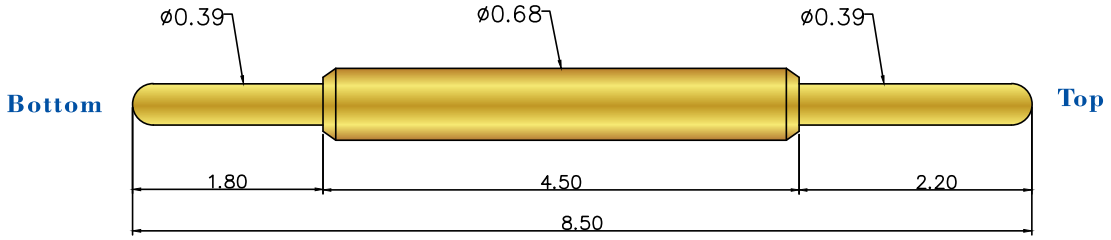
Barrel:	Ph,	Au on Ni Plated
Plunger:	BECU,	Au on Ni Plated
BOTTOM Plunger:	BECU,	Au on Ni Plated
Spring:	SWP,	Au on Ni Plated

Specifications:

Recommended:	
Current Rating:	2amps
Contact Ressistance:	100milliohms max
Full Stroke:	2.0mm
Rated Stroke:	1.3mm
Spring Force:	30gf@load 1.3mm
Spring Life:	100000cycles(It depends on test condition)

Bottom Plunger	
90°	9B
60°	6B
	F
	D

ORTA068-DD(BB)-85-30-40



Top Plunger	
9B	90°
6B	60°
F	
D	

Materials(Plated):

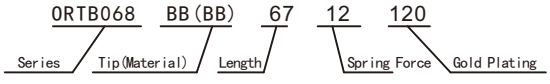
Barrel:	Ph,	Au on Ni Plated
Plunger:	BECU,	Au on Ni Plated
BOTTOM Plunger:	BECU,	Au on Ni Plated
Spring:	SWP,	Au on Ni Plated

Specifications:

Recommended:	
Current Rating:	2amps
Contact Ressistance:	100milliohms max
Full Stroke:	2.0mm
Rated Stroke:	1.3mm
Spring Force:	30gf@load 1.3mm
Spring Life:	100000cycles(It depends on test condition)

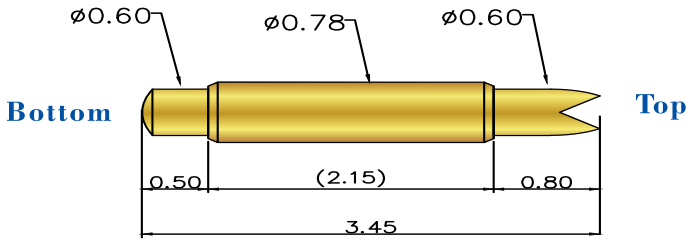
Bottom Plunger	
90°	9B
60°	6B
	F
	D

Ordering Example:



Semiconductor Test Probes

ORTA078-6DF(BB)-35-50-40



Top Plunger	
9B	90°
6B	60°
F	
D	

Materials(Plated):

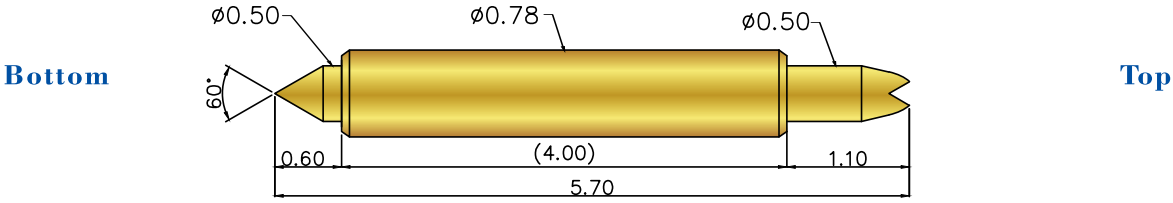
Barrel:	Ph,	Au on Ni Plated
Plunger:	BECU,	Au on Ni Plated
BOTTOM Plunger:	BECU,	Au on Ni Plated
Spring:	SWP,	Au on Ni Plated

Specifications:

Recommended:	
Current Rating:	1amps
Contact Ressistance:	100milliohms max
Full Stroke:	1.1mm
Rated Stroke:	0.8mm
Spring Force:	20gf@load 0.8mm
Spring Life:	100000cycles(It depends on test condition)

Bottom Plunger	
90°	9B
60°	6B
	F
	D

ORTA078-6BF(BB)-57-34-40



Top Plunger	
9B	90°
6B	60°
F	
D	

Materials(Plated):

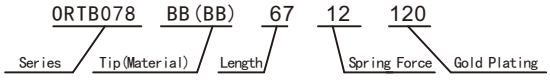
Barrel:	Ph,	Au on Ni Plated
Plunger:	BECU,	Au on Ni Plated
BOTTOM Plunger:	BECU,	Au on Ni Plated
Spring:	SWP,	Au on Ni Plated

Specifications:

Recommended:	
Current Rating:	3amps
Contact Ressistance:	100milliohms max
Full Stroke:	1.5mm
Rated Stroke:	0.8mm
Spring Force:	34gf@load 1.3mm
Spring Life:	100000cycles(It depends on test condition)

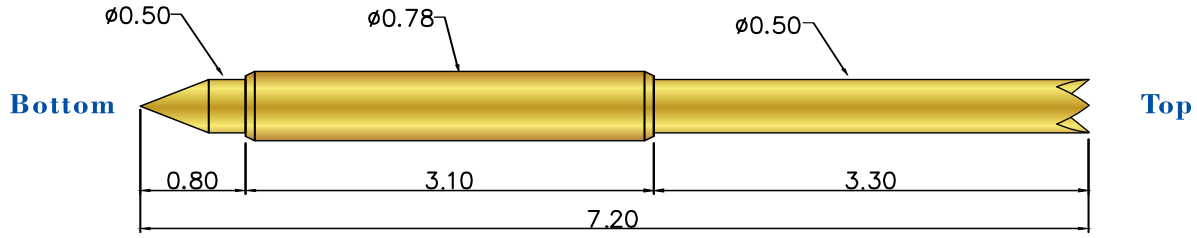
Bottom Plunger	
90°	9B
60°	6B
	F
	D

Ordering Example:



Semiconductor Test Probes

▶ ORTA078-6BF(BB)-72-30-30



Top Plunger	
9B	90°
6B	60°
F	
D	

Materials(Plated):

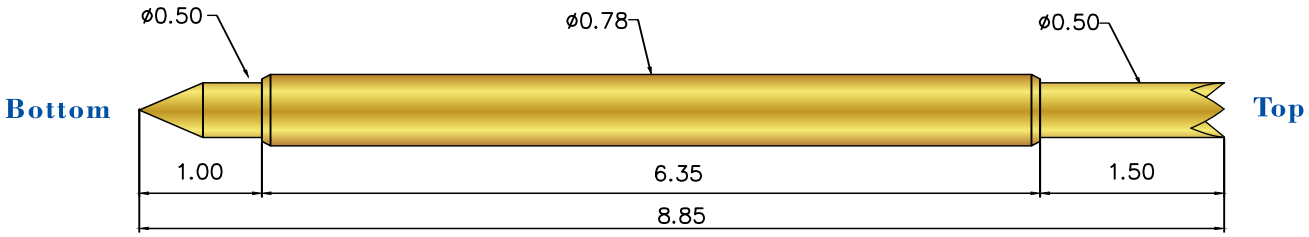
Barrel:	Ph,	Au on Ni Plated
Plunger:	BECU,	Au on Ni Plated
BOTTOM Plunger:	BECU,	Au on Ni Plated
Spring:	SWP,	Au on Ni Plated

Specifications:

Recommended:	
Current Rating:	3amps
Contact Ressistance:	100milliohms max
Full Stroke:	0.8mm
Rated Stroke:	0.65mm
Spring Force:	30gf@load 0.65mm
Spring Life:	100000cycles(It depends on test condition)

Bottom Plunger	
90°	9B
60°	6B
	F
	D

▶ ORTA078-6BF(BB)-89-30-30



Top Plunger	
9B	90°
6B	60°
F	
D	

Materials(Plated):

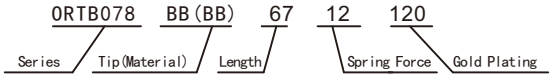
Barrel:	Ph,	Au on Ni Plated
Plunger:	BECU,	Au on Ni Plated
BOTTOM Plunger:	BECU,	Au on Ni Plated
Spring:	SWP,	Au on Ni Plated

Specifications:

Recommended:	
Current Rating:	2amps
Contact Ressistance:	100milliohms max
Full Stroke:	1.5mm
Rated Stroke:	1.0mm
Spring Force:	30gf@load 1.0mm
Spring Life:	100000cycles(It depends on test condition)

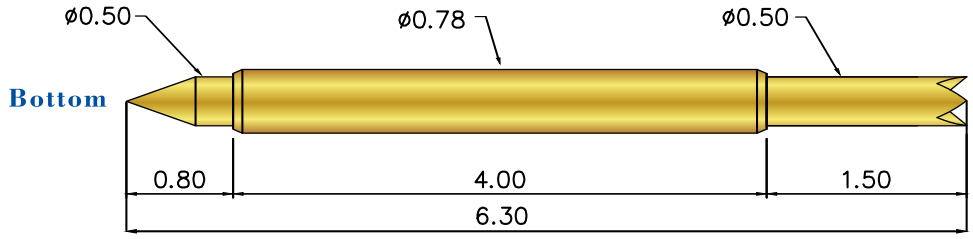
Bottom Plunger	
90°	9B
60°	6B
	F
	D

Ordering Example:



Semiconductor Test Probes

▶ ORTA078-6BF(BB)-63-34-30



Top Plunger	
9B	90°
6B	60°
F	
D	

Materials(Plated):

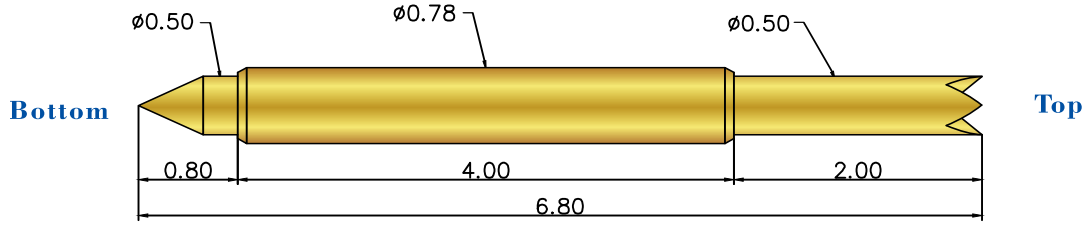
Barrel:	Ph,	Au on Ni Plated
Plunger:	BECU,	Au on Ni Plated
BOTTOM Plunger:	BECU,	Au on Ni Plated
Spring:	SWP,	Au on Ni Plated

Specifications:

Recommended:	
Current Rating:	3amps
Contact Ressistance:	100milliohms max
Full Stroke:	1.5mm
Rated Stroke:	0.8mm
Spring Force:	34gf@load 0.8mm
Spring Life :	100000cycles(It depends on test condition)

Bottom Plunger	
90°	9B
60°	6B
	F
	D

▶ ORTA078-6BF(BB)-68-34-30



Top Plunger	
9B	90°
6B	60°
F	
D	

Materials(Plated):

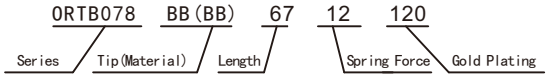
Barrel:	Ph,	Au on Ni Plated
Plunger:	BECU,	Au on Ni Plated
BOTTOM Plunger:	BECU,	Au on Ni Plated
Spring:	SWP,	Au on Ni Plated

Specifications:

Recommended:	
Current Rating:	3amps
Contact Ressistance:	100milliohms max
Full Stroke:	1.5mm
Rated Stroke:	0.8mm
Spring Force:	34gf@load 0.8mm
Spring Life:	100000cycles(It depends on test condition)

Bottom Plunger	
90°	9B
60°	6B
	F
	D

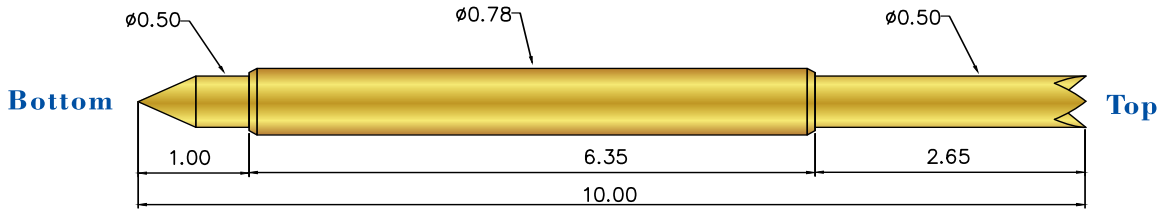
Ordering Example:



Make Test More Effective

Semiconductor Test Probes

ORTA078-6BF(BB)-100-30-30



Top Plunger	
9B	90°
6B	60°
F	
D	

Materials(Plated):

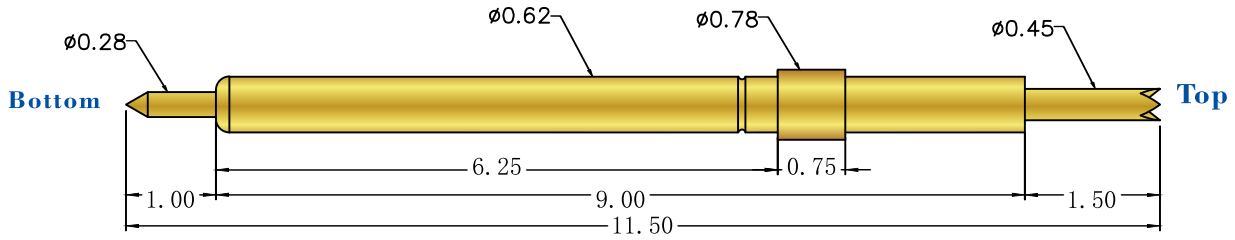
Barrel:	Ph,	Au on Ni Plated
Plunger:	BECU,	Au on Ni Plated
BOTTOM Plunger:	BECU,	Au on Ni Plated
Spring:	SWP,	Au on Ni Plated

Specifications:

Recommended:	
Current Rating:	2amps
Contact Ressistance:	100milliohms max
Full Stroke:	3.4mm
Rated Stroke:	2.8mm
Spring Force:	30gf@load 2.8mm
Spring Life:	100000cycles(It depends on test condition)

Bottom Plunger	
90°	9B
60°	6B
	F
	D

ORTD078-6BF(BB)-115-40-30



Top Plunger	
9B	90°
6B	60°
F	
D	

Materials(Plated):

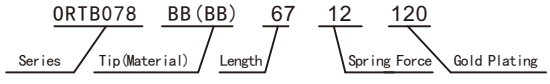
Barrel:	Ph,	Au on Ni Plated
Plunger:	BECU,	Au on Ni Plated
BOTTOM Plunger:	BECU,	Au on Ni Plated
Spring:	SWP,	Au on Ni Plated

Specifications:

Recommended:	
Current Rating:	3amps
Contact Ressistance:	100milliohms max
Full Stroke:	2.5mm
Rated Stroke:	2.0mm
Spring Force:	40gf@load 2.0mm
Spring Life:	100000cycles(It depends on test condition)

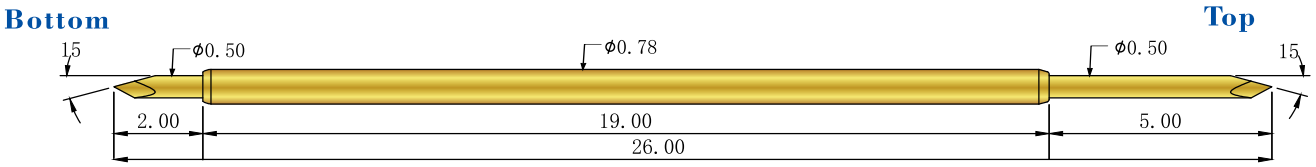
Bottom Plunger	
90°	9B
60°	6B
	F
	D

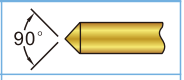
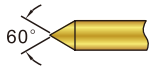
Ordering Example:



Semiconductor Test Probes

▶ ORTA078-TT(BS)-260-70-40



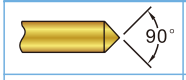
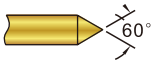
Top Plunger	
9B	
6B	
F	
D	
T	

Materials(Plated):

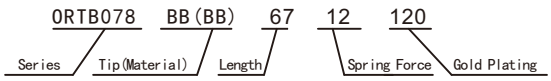
Barrel:	Ph,	Au on Ni Plated
Plunger:	BECU,	Au on Ni Plated
BOTTOM Plunger:	BECU,	Au on Ni Plated
Spring:	SWP/SUS,	Au on Ni Plated

Specifications:

Recommended:	
Current Rating:	3amps
Contact Ressistance:	100milliohms max
Full Stroke:	5.0mm
Rated Stroke:	3.5mm
Spring Force:	70±14gf@load 3.5mm
Spring Life:	100000cycles(It depends on test condition)

Bottom Plunger	
	9B
	6B
	F
	D
	T

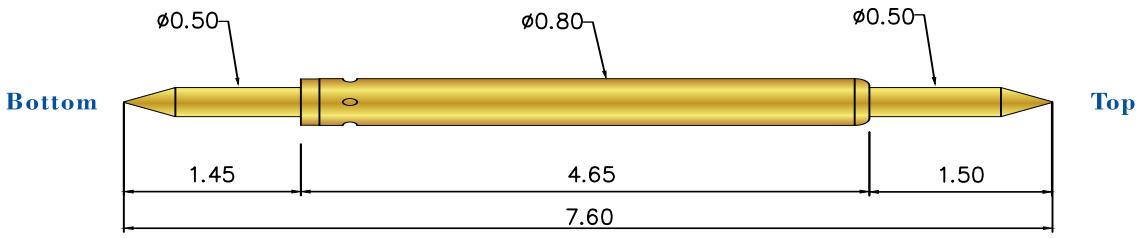
Ordering Example:



Make Test More Effective

Semiconductor Test Probes

ORTE080-6B6B(BB)-76-30-60



Top Plunger	
9B	90°
6B	60°
F	
D	

Materials(Plated):

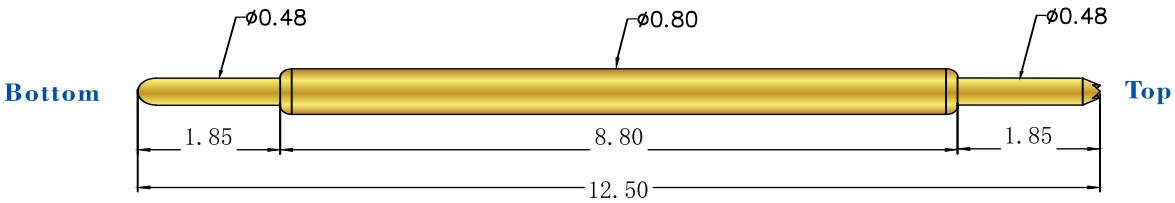
Barrel :	Ph,	Au on Ni Plated
Plunger:	BECU,	Au on Ni Plated
BOTTOM Plunger:	BECU,	Au on Ni Plated
Spring:	SWP,	Au on Ni Plated

Specifications:

Recommended:	
Current Rating:	2amps
Contact Ressistance:	100milliohms max
Full Stroke:	1.5mm
Rated Stroke:	1.0mm
Spring Force:	30gf@load 1.0mm
Spring Life:	100000cycles(It depends on test condition)

Bottom Plunger	
90°	9B
60°	6B
	F
	D

ORTA080-DF(BB)-125-43-60



Top Plunger	
9B	90°
6B	60°
F	
D	

Materials(Plated):

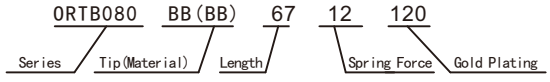
Barrel:	Ph,	Au on Ni Plated
Plunger:	BECU,	Au on Ni Plated
BOTTOM Plunger:	BECU,	Au on Ni Plated
Spring:	SWP,	Au on Ni Plated

Specifications:

Recommended:	
Current Rating:	2amps
Contact Ressistance:	100milliohms max
Full Stroke:	2.0mm
Rated Stroke:	1.4mm
Spring Force:	43gf@load 1.4mm
Spring Life:	100000cycles(It depends on test condition)

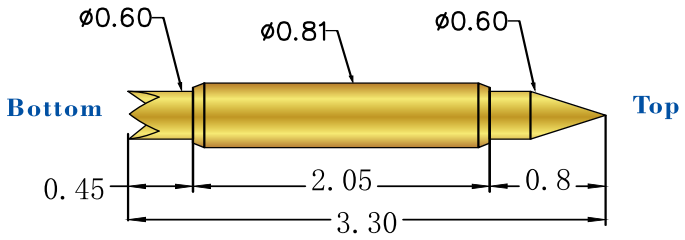
Bottom Plunger	
90°	9B
60°	6B
	F
	D

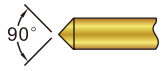
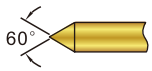
Ordering Example:



Semiconductor Test Probes

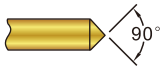
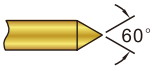
ORTA081-F6B(BB)-33-20-60



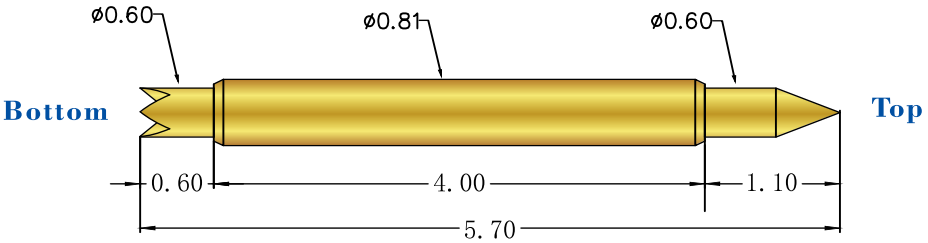
Top Plunger	
9B	
6B	
F	
D	

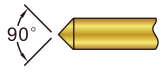
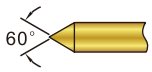
Materials(Plated):		
Barrel:	Ph,	Au on Ni Plated
Plunger:	BECU,	Au on Ni Plated
BOTTOM Plunger:	BECU,	Au on Ni Plated
Spring:	SWP,	Au on Ni Plated

Specifications:	
Recommended:	
Current Rating:	1amps
Contact Ressistance:	100milliohms max
Full Stroke:	0. 7mm
Rated Stroke:	0. 5mm
Spring Force:	20gf@load 0. 5mm
Spring Life:	100000cycles(It depends on test condition)

Bottom Plunger	
	9B
	6B
	F
	D

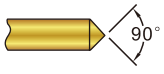
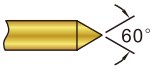
ORTA081-F6B(BB)-57-30-30



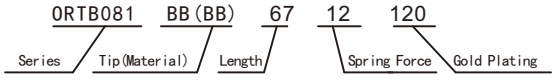
Top Plunger	
9B	
6B	
F	
D	

Materials(Plated):		
Barrel:	Ph,	Au on Ni Plated
Plunger:	BECU,	Au on Ni Plated
BOTTOM Plunger:	BECU,	Au on Ni Plated
Spring:	SWP,	Au on Ni Plated

Specifications:	
Recommended:	
Current Rating:	3amps
Contact Ressistance:	100milliohms max
Full Stroke:	1. 1mm
Rated Stroke:	0. 65mm
Spring Force:	30gf@load 0. 65mm
Spring Life:	100000cycles(It depends on test condition)

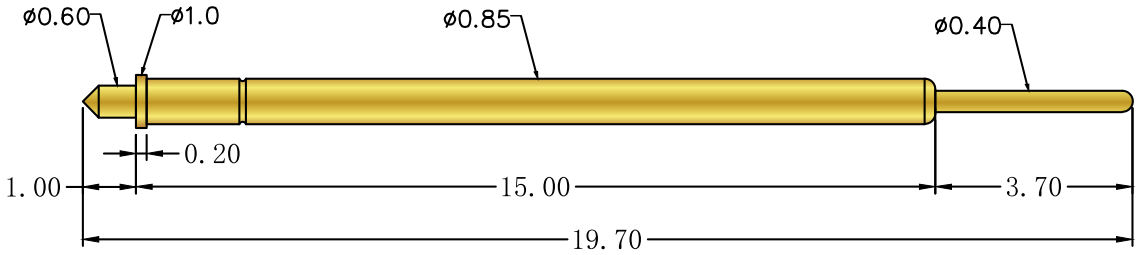
Bottom Plunger	
	9B
	6B
	F
	D

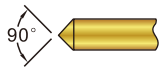
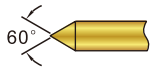
Ordering Example:



Semiconductor Test Probes

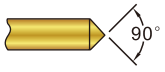
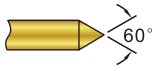
▶ ORTD085-9BD(SS)-197-60-30



Top Plunger	
9B	
6B	
F	
D	

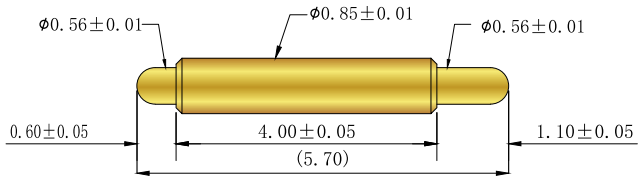
Materials(Plated):		
Barrel:	Ph,	Au on Ni Plated
Plunger:	BECU,	Au on Ni Plated
BOTTOM Plunger:	BECU,	Au on Ni Plated
Spring:	SWP,	Au on Ni Plated

Specifications:	
Recommended:	
Current Rating:	3amps
Contact Ressistance:	50milliohms max
Full Stroke:	4.0mm
Rated Stroke:	2.7mm
Spring Force:	60gf@load 2.7mm
Spring Life:	100000cycles(It depends on test condition)

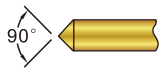
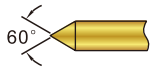
Bottom Plunger	
	9B
	6B
	F
	D

▶ ORTA085-DD(BB)-57-30

Bottom

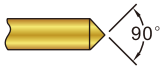
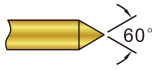


Top

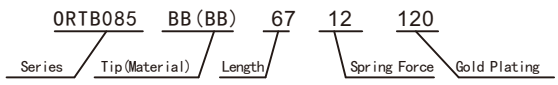
Top Plunger	
9B	
6B	
F	
D	

Materials(Plated):		
Barrel:	Ph,	Au on Ni Plated
Plunger:	BECU,	Au on Ni Plated
BOTTOM Plunger:	BECU,	Au on Ni Plated
Spring:	SWP,	Au on Ni Plated

Specifications:	
Recommended:	
Current Rating:	2amps
Contact Ressistance:	100milliohms max
Full Stroke:	1.1mm
Rated Stroke:	0.65mm
Spring Force:	30±6gf@load 0.65mm
Spring Life:	100000cycles(It depends on test condition)

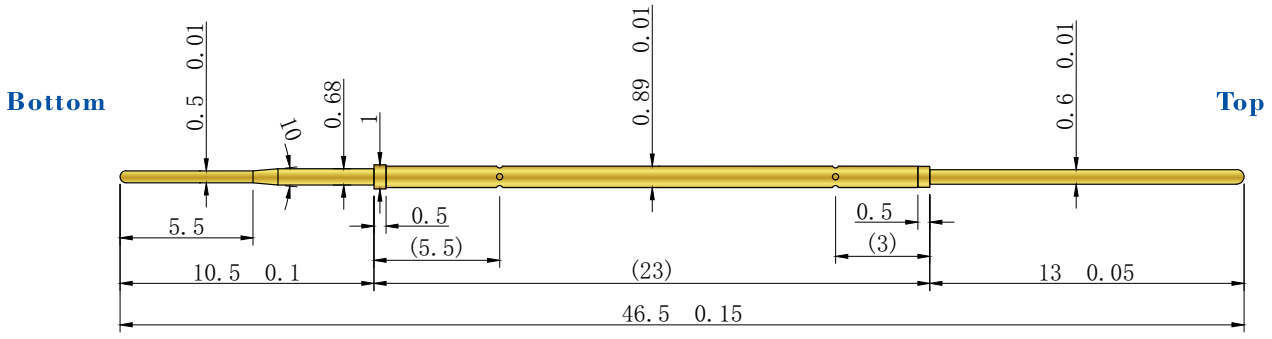
Bottom Plunger	
	9B
	6B
	F
	D

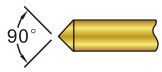
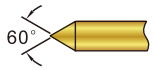
Ordering Example:



Semiconductor Test Probes

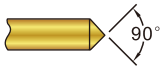
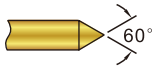
ORTF089-DD-465-55



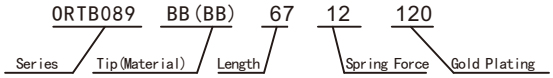
Top Plunger	
9B	
6B	
F	
D	

Materials(Plated):	
Barrel:	Phosphor copper, Hard gold plated
Plunger:	Becu, Hard gold plated
Spring:	SUS, Gold plated

Specifications:	
Recommended:	
Current Rating:	3mamps
Contact Ressistance:	100illiohms max
Full Stroke:	4.0mm
Rated Stroke:	2.7mm
Spring Force:	55±11%gf@ 2.7mm
Spring Life:	100000cycles(It depends on test condition)

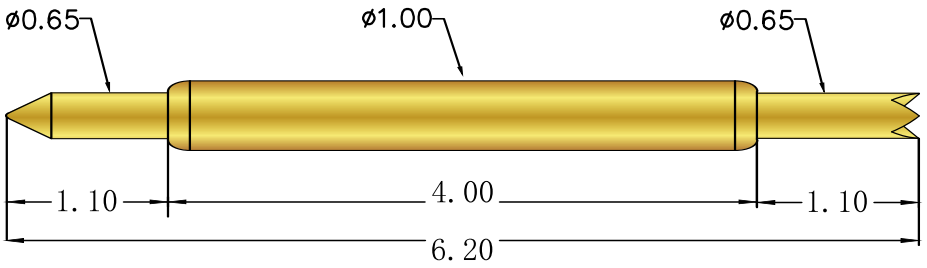
Bottom Plunger	
	9B
	6B
	F
	D

Ordering Example:



Semiconductor Test Probes

ORTA100-9BF(BB)-62-34-100



Top Plunger	
9B	90°
6B	60°
F	
D	

Materials(Plated):

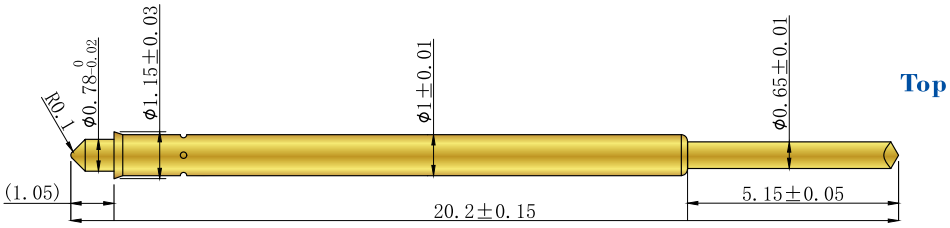
Barrel:	Ph,	Au on Ni Plated
Plunger:	BECU,	Au on Ni Plated
BOTTOM Plunger:	BECU,	Au on Ni Plated
Spring:	SWP,	Au on Ni Plated

Specifications:

Recommended:	
Current Rating:	2amps
Contact Ressistance:	100milliohms max
Full Stroke:	1.5mm
Rated Stroke:	1.0mm
Spring Force:	34gf@load 1.0mm
Spring Life:	100000cycles(It depends on test condition)

Bottom Plunger	
90°	9B
60°	6B
	F
	D

ORTB100-BT(BB)-202-80



Top Plunger	
9B	90°
6B	60°
F	
B	
D	

Materials(Plated):

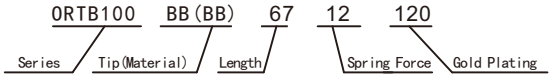
Barrel:	Ph,	Au on Ni Plated
Plunger:	BECU,	Au on Ni Plated
BOTTOM Plunger:	BECU,	Au on Ni Plated
Spring:	SWP,	Au on Ni Plated

Specifications:

Recommended:	
Current Rating:	2amps
Contact Ressistance:	100milliohms max
Full Stroke:	6.1mm
Rated Stroke:	3.0mm
Spring Force:	80±16gf@load 3.0mm
Spring Life :	100000cycles(It depends on test condition)

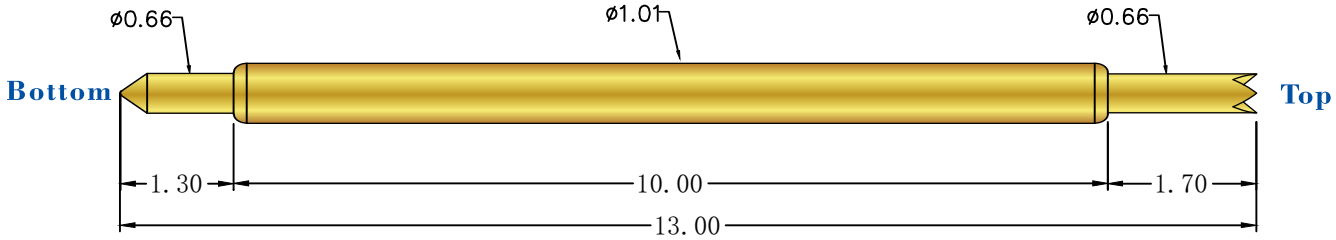
Bottom Plunger	
90°	9B
60°	6B
	F
	T
	D

Ordering Example:



Semiconductor Test Probes

ORTA101-9BF(BB)-130-50-60



Top Plunger	
9B	90°
6B	60°
F	
D	

Materials(Plated):

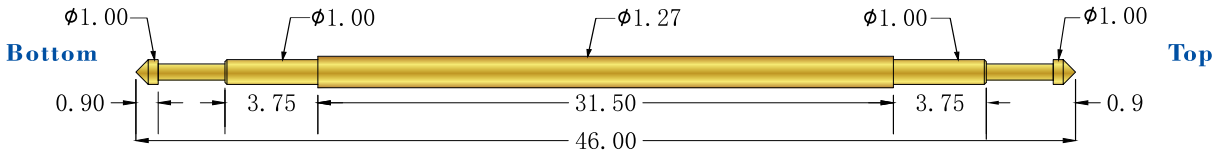
Barrel:	Ph,	Au on Ni Plated
Plunger:	BECU,	Au on Ni Plated
BOTTOM Plunger:	BECU,	Au on Ni Plated
Spring:	SWP,	Au on Ni Plated

Specifications:

Recommended:	
Current Rating:	2amps
Contact Ressistance:	100milliohms max
Full Stroke:	2.0mm
Rated Stroke:	1.4mm
Spring Force:	50gf@load 1.4mm
Spring Life:	100000cycles(It depends on test condition)

Bottom Plunger	
90°	9B
60°	6B
	F
	D

ORT127-9B9B(BB)-460-42



Top Plunger	
9B	90°
6B	60°
F	
D	

Materials(Plated):

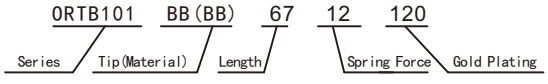
Barrel:	Ph,	Au on Ni Plated
Plunger:	BECU,	Au on Ni Plated
BOTTOM Plunger:	BECU,	Au on Ni Plated
Spring:	SWP,	Au on Ni Plated

Specifications:

Recommended:	
Current Rating:	3amps
Contact Ressistance:	50milliohms max
Full Stroke:	5.2mm
Rated Stroke:	3.6mm
Spring Force:	42±6g@load 3.6mm
Spring Life:	100000cycles(It depends on test condition)

Bottom Plunger	
90°	9B
60°	6B
	F
	D

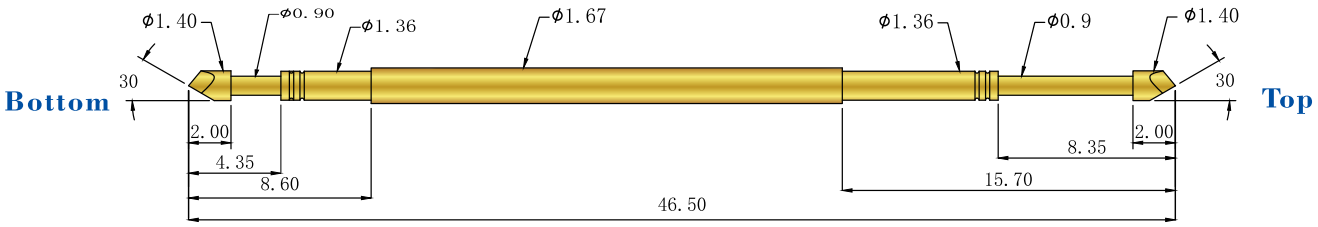
Ordering Example:



Make Test More Effective

Semiconductor Test Probes

ORTD167-TT(BB)-465-80



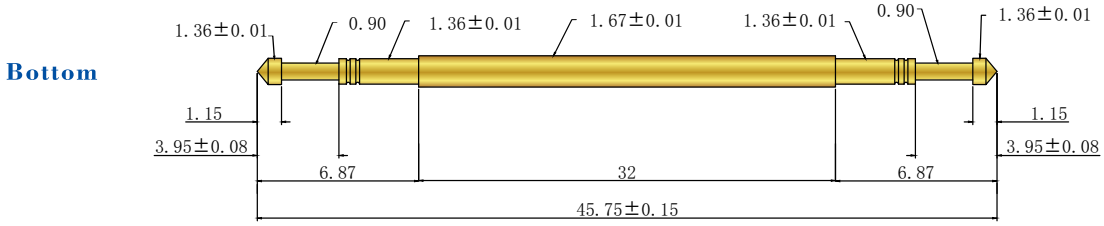
Top Plunger	
9B	90°
6B	60°
F	
D	
T	

Materials(Plated):		
Barrel:	Ph,	Au on Ni Plated
Plunger:	BECU,	Au on Ni Plated
BOTTOM Plunger:	BECU,	Au on Ni Plated
Spring:	SWP/SUS,	Au on Ni Plated

Specifications:	
Recommended:	
Current Rating:	7amps
Contact Ressistance:	100milliohms max
Full Stroke:	8.7mm
Rated Stroke:	5.0mm
Spring Force:	80±20%gf@ 5.0mm
Spring Life :	100000cycles(It depends on test condition)

Bottom Plunger	
90°	9B
60°	6B
	F
	D
	T

ORTD167-9B9B-458-60



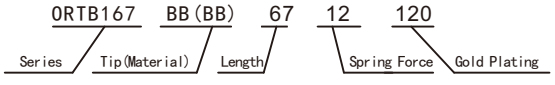
Top Plunger	
9B	90°
6B	60°
F	
D	

Materials(Plated):		
Plunger:	BeCu,	Au over Ni
BOTTOM Plunger:	BeCu,	Au over Ni
Barrel:	Ph,	Au over Ni
Spring:	SUS304,	Au over Ni

Specifications:	
Recommended:	
Current Rating:	3amps
Contact Ressistance:	100milliohms max
Full Stroke:	5.6mm
Rated Stroke:	1.925+1.925mm
Spring Force:	60±12%gf@ 3.85mm
Spring Life:	100000cycles(It depends on test condition)

Bottom Plunger	
90°	9B
60°	6B
	F
	D

Ordering Example:



Grobal Test Probes Sale and Service Provider

Production Base:4 Floor,F Building,Zhigao Toy Factory,
No.3 ,YanShan Avenue,BaoAn District,Shenzhen,China
Exhibition ADD: B-A369,1 Floor, Shajing
Depu Electronics Market,Shenzhen
TEL:13902484810 (Mrs Huang)
MAIL:ouruitedianzi@qq.com
WEB:www.szortsy.com