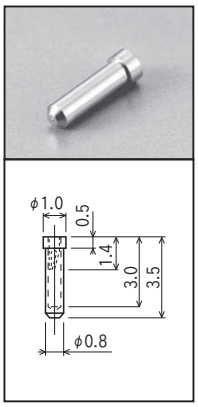
Socket pin

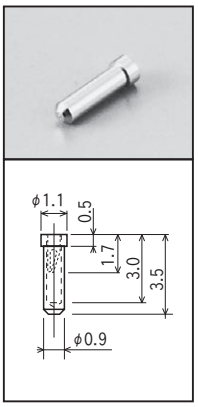
PD series (100pcs/pack)

- Please use this item after checking the adaptive male pin diameter.

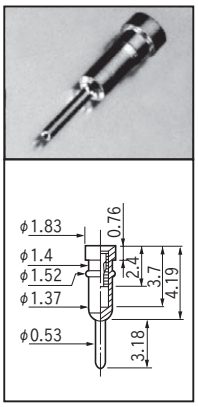
Part No.	Plating specification		Adaptive male pin diameter	Male pin inserting depth	Printed board fitting hole diameter	
	Contact	Body				
PD-01	Gold	Gold	ϕ 0.15 to ϕ 0.23	3.0	$\phi 0.9^{-0}$	
PD-05	Gold	Gold	ϕ 0.23 to ϕ 0.30	3.0	$\phi 1.0^{-0}$	
PD-1	Gold	Tin	ϕ 0.45 to ϕ 0.6	3.7	$\phi 0.6^{-0}$	
PD-10	Gold	Gold	ϕ 0.45 to ϕ 0.6	3.7	$\phi 0.6^{-0}$	
PD-2	Gold	Gold	ϕ 0.45 to ϕ 0.6	4.1	$\phi 1.0^{-0}$	
PD-4	Gold	Tin	ϕ 0.45 to ϕ 0.6	3.7	$\phi 1.4^{-0}$	
PD-40	Gold	Gold	ϕ 0.45 to ϕ 0.6	3.7	$\phi 1.4^{-0}$	
PD-6	Gold	Tin	ϕ 0.40 to ϕ 0.54	3.7	$\phi 0.6^{-0}$	
PD-60	Gold	Gold	ϕ 0.40 to ϕ 0.54	3.7	$\phi 0.6^{-0}$	
PD-7	Gold	Tin	ϕ 0.40 to ϕ .51	3.1	$\phi 1.0^{-0}$	
PD-70	Gold	Gold	ϕ 0.40 to ϕ 0.51	3.1	$\phi 1.0^{-0}$	
PD-8	Gold	Tin	ϕ 0.40 to ϕ 0.51	3.9	$\phi 0.9^{-0}$	
PD-80	Gold	Gold	ϕ 0.40 to ϕ 0.51	3.9	$\phi 0.9^{-0}$	
PD-9	Gold	Tin	ϕ 0.4 to ϕ 0.5	3.8	$\phi 0.5^{-0}$ to ϕ 0.6	
PD-90	Gold	Gold	ϕ 0.4 to ϕ 0.5	3.8	$\phi 0.5^{-0}$ to ϕ 0.6	
PD-91	Gold	Tin	ϕ 0.4 to ϕ 0.5	3.8	$\phi 0.5^{-0}$ to ϕ 0.6	
PD-910	Gold	Gold	ϕ 0.4 to ϕ 0.5	3.8	$\phi 0.5^{-0}$ to ϕ 0.6	
PD-11	Gold	Tin	ϕ 0.25 to ϕ 0.45	2.6	$\phi 0.5^{-0}$	
PD-12	Gold	Tin	ϕ 0.35 to ϕ 0.50	3.0	$\phi 1.0^{-0}$	
PD-13	Gold	Tin	ϕ 0.35 to ϕ 0.50	Free	$\phi 1.0^{-0}$	The bottom is pierced.
PD-14	Gold	Gold	ϕ 0.35 to ϕ 0.50	Free	$\phi 1.0^{-0}$	Electric wire can be crimped on the opposite side.
PD-31	Gold	Tin	ϕ 0.65 to ϕ 0.85, □0.64	5.8	$\phi 0.7^{-0}$	
PD-310	Gold	Gold	ϕ 0.65 to ϕ 0.85, □0.64	5.8	$\phi 0.7^{-0}$	
PD-51	Gold	Tin	ϕ 0.45 to ϕ 0.6	4.0	$\phi 1.5^{-0}$	A male pin can be inserted from the both directions.
PD-61	Gold	Tin	ϕ 0.6 to ϕ 0.8	4.2	$\phi 0.7^{-0}$	
PD-61A	Gold	Tin	ϕ 0.6 to ϕ 0.8	4.3	$\phi 0.7^{-0}$	
PD-62	Gold	Tin	ϕ 0.6 to ϕ 0.8	4.2	$\phi 1.8^{-0}$	
PD-63	Gold	Tin	ϕ 0.6 to ϕ 0.8	4.5	$\phi 2.1^{-0}$	A male pin can be inserted from the both directions.
PD-66	Gold	Tin	ϕ 0.6 to ϕ 0.8	Free	$\phi 1.8^{-0}$	The bottom is pierced.
PD-71	Gold	Tin	ϕ 0.8 to ϕ 1.0	5.0	$\phi 0.9^{-0}$ to ϕ 1.0	
PD-72	Gold	Tin	ϕ 0.8 to ϕ 1.0	5.0	$\phi 2.3^{-0}$	
PD-73	Gold	Tin	ϕ 0.8 to ϕ 1.0	4.5	$\phi 2.3^{-0}$	A male pin can be inserted from the both directions.
PD-74	Gold	Tin	ϕ 0.8 to ϕ 1.0	5.0	$\phi 0.9^{-0}$ to ϕ 1.0	
PD-77	Gold	Tin	ϕ 0.8 to ϕ 1.0	Free	$\phi 2.3^{-0}$	The bottom is pierced.
PD-111	Gold	Tin	ϕ 1.0 to ϕ 1.2	5.0	$\phi 2.5^{-0}$	
PD-112	Gold	Tin	ϕ 1.0 to ϕ 1.2	5.0	$\phi 2.5^{-0}$	
PD-113	Gold	Tin	ϕ 1.0 to ϕ 1.2	Free	$\phi 2.5^{-0}$	The bottom is pierced.
PD-131	Gold	Tin	ϕ 1.2 to ϕ 1.45	6.0	$\phi 3.0^{-0}$	
PD-132	Gold	Tin	ϕ 1.2 to ϕ 1.45	6.0	$\phi 3.0^{-0}$	
PD-133	Gold	Tin	ϕ 1.2 to ϕ 1.45	Free	$\phi 3.0^{-0}$	The bottom is pierced.
PD-151	Gold	Gold	ϕ 1.3 to ϕ 1.6	6.0	$\phi 3.3^{-0}$	
PD-152	Gold	Gold	ϕ 1.3 to ϕ 1.6	6.0	$\phi 3.3^{-0}$	
PD-155	Gold	Gold	ϕ 1.3 to ϕ 1.6	Free	$\phi 3.3^{-0}$	The bottom is pierced.
PD-191	Gold	Tin	ϕ 1.7 to ϕ 2.1	6.5	$\phi 3.8^{-0}$	
PD-192	Gold	Tin	ϕ 1.7 to ϕ 2.1	6.5	$\phi 3.8^{-0}$	
PD-193	Gold	Gold	ϕ 1.7 to ϕ 2.1	6.5	$\phi 2.2^{-0}$	
PD-194	Gold	Gold	ϕ 1.7 to ϕ 2.1	6.5	$\phi 2.2^{-0}$	
PD-199	Gold	Tin	ϕ 1.7 to ϕ 2.1	Free	$\phi 3.8^{-0}$	The bottom is pierced.
PDS-510	Gold	Gold	ϕ 0.45 to ϕ 0.6	3.3	——	Recommended land information for surface mounting: ϕ 2.0 or over



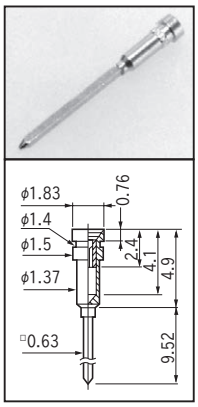
PD-01



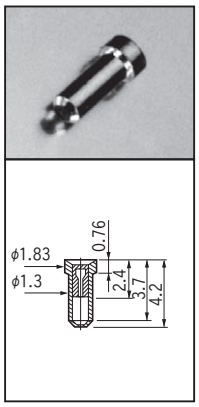
PD-05



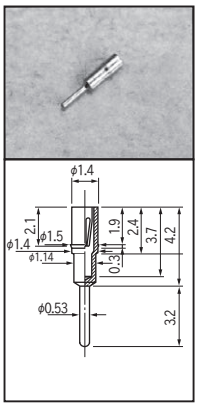
PD- 1
PD-10



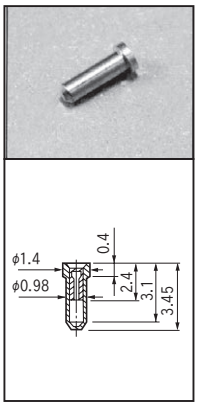
PD-2



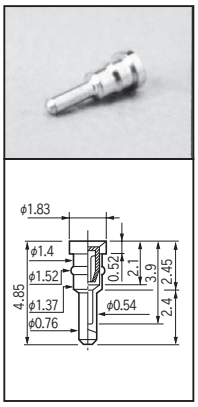
PD-4
PD-40



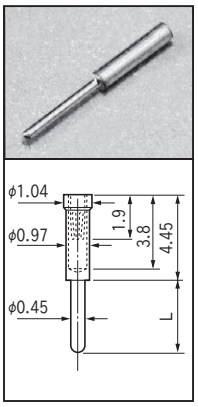
PD-6
PD-60



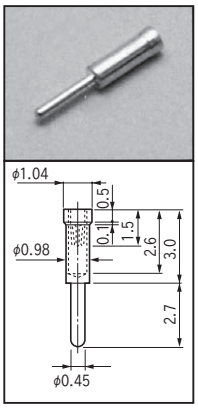
PD-7
PD-70



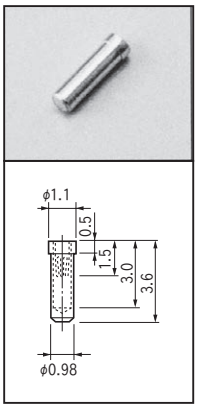
PD-8
PD-80



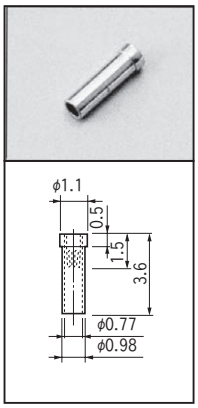
PD-9,90···L= 4.57
PD-91,910···L=10.16



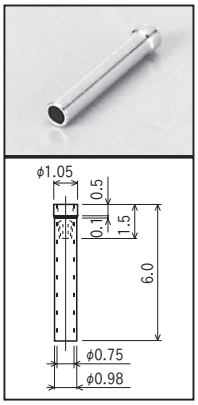
PD-11



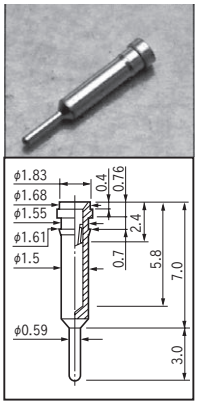
PD-12



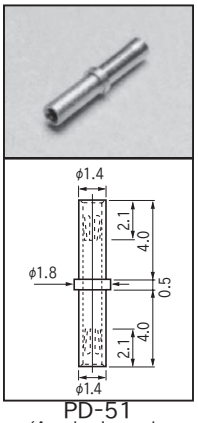
PD-13
(The bottom is pierced.)



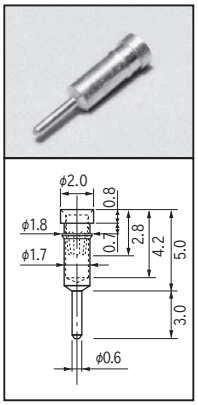
PD-14
(Electric wire can be crimped on one side.)



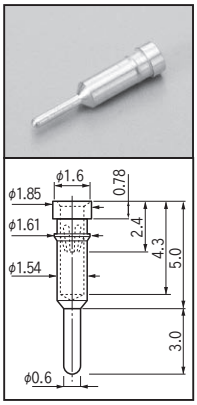
PD-31
PD-310



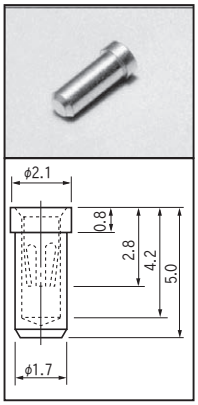
PD-51
(A male pin can be inserted from the both directions.)



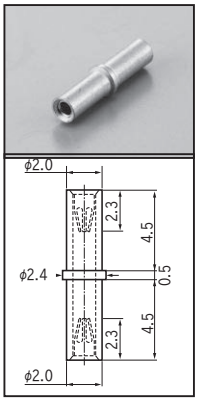
PD-61



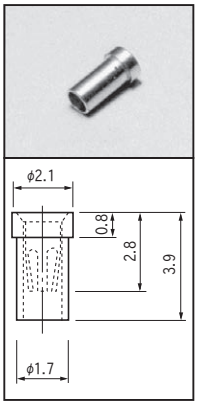
PD-61A



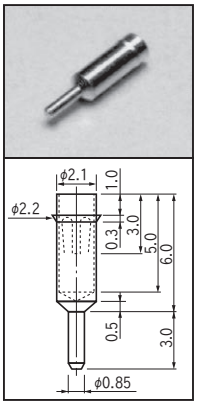
PD-62



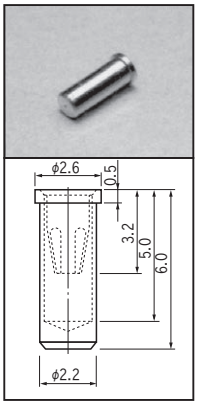
PD-63
(A male pin can be inserted from the both directions.)



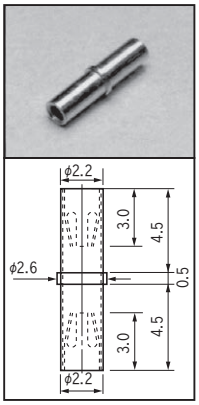
PD-66
(The bottom is pierced.)



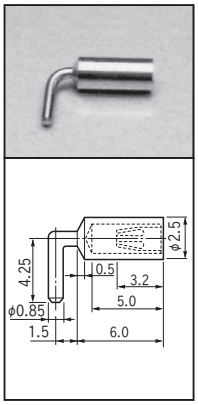
PD-71



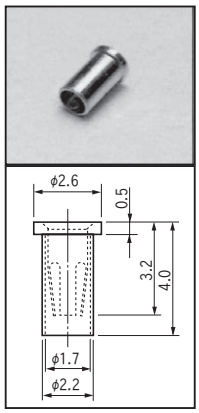
PD-72



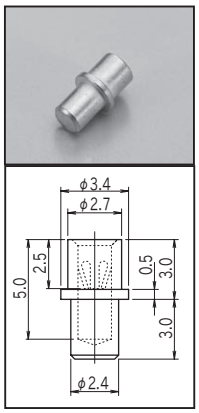
PD-73
(A male pin can be inserted from the both directions.)



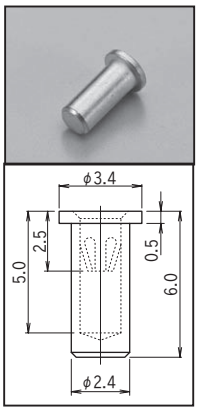
PD-74



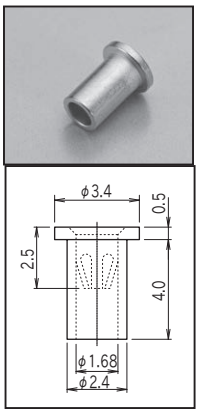
PD-77
(The bottom is pierced.)



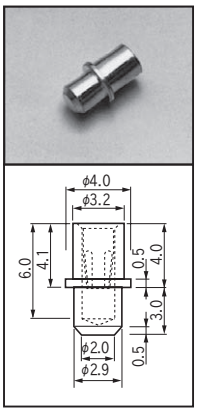
PD-111



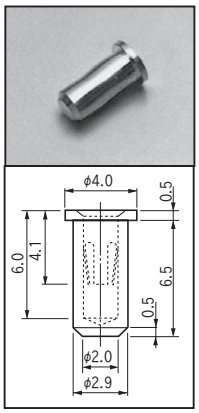
PD-112



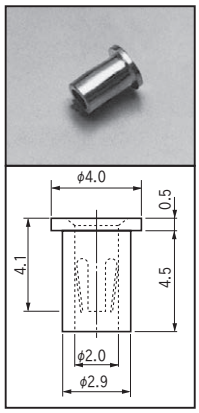
PD-113
(The bottom is pierced.)



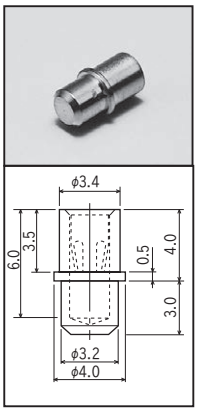
PD-131



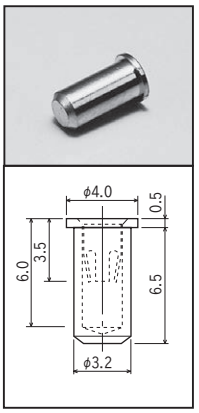
PD-132



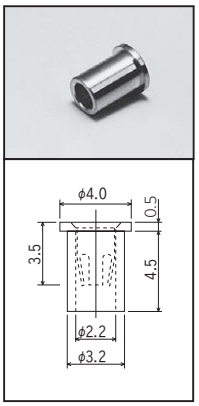
PD-133
(The bottom is pierced.)



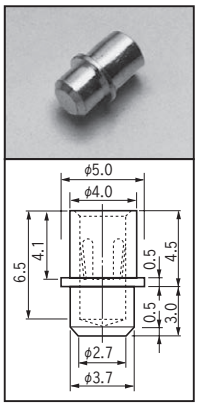
PD-151



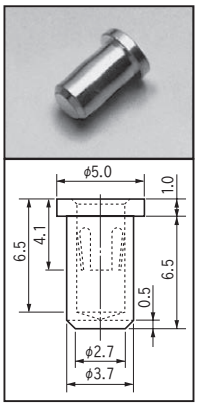
PD-152



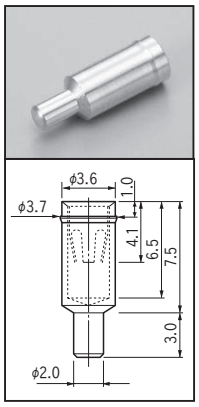
PD-155
(The bottom is pierced.)



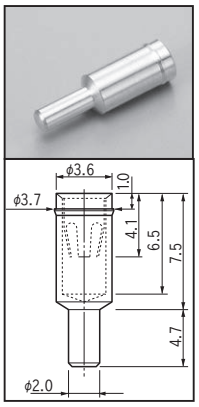
PD-191



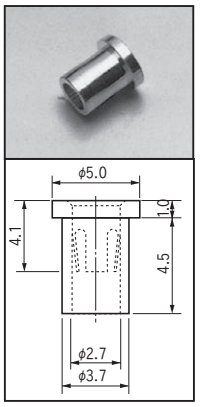
PD-192



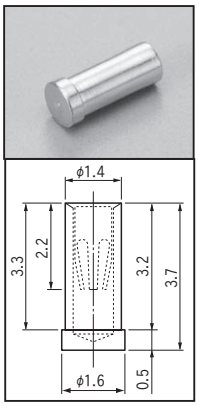
PD-193



PD-194



PD-199
(The bottom is pierced.)



PDS-510

	PD-01	PD-05	PD-1	PD-2	PD-40 PD-4	PD-60 PD-6	PD-70 PD-7	PD-80 PD-8	PD-90 PD-9	PD-910 PD-91	PD-10	PD-11	PD-12	PD-13
Rated Current	1 A													
Contact Resistance	10 m Ω or Less													
Operating Temperature Range	− 40 to + 125℃													
Insertion / removal durability	100 cycles													
Insertion Forces (g or over)	10		70				50	70	20		70	50	20	
Removal Forces (g or over)	10		70				50	70	20		70	50	20	
Material	Inner contact: Beryllium Copper Body: Brass													

	PD-14	PD-310 PD-31	PD-51	PD-61	PD-61A	PD-62	PD-63	PD-66	PD-71	PD-72	PD-73	PD-74	PD-77
Rated Current	1A	3A	1A	5A	3A	5A							
Contact Resistance	10 m Ω or Less												
Operating Temperature Range	− 40 to + 125℃												
Insertion / removal durability	100 cycles												
Insertion Forces (g or over)	20	50	70	150	70	150							
Removal Forces (g or over)	20	50	70	150	70	150							
Material	Inner contact: Beryllium Copper Body: Brass												

	PD-111	PD-112	PD-113
Rated Current	10A		
Contact Resistance	10 m Ω or Less		
Operating Temperature Range	− 40 to + 125℃		
Insertion / removal durability	100 cycles		
Insertion Forces (g or over)	50		
Removal Forces (g or over)	50		
Material	Inner contact: Beryllium Copper Body: Brass		

	PD-131	PD-132	PD-133	PD-151	PD-152	PD-155	PD-191	PD-192	PD-193	PD-194	PD-199	PDS-510
Rated Current	15A						20A					1A
Contact Resistance	10 m Ω or Less											
Operating Temperature Range	− 40 to + 125℃											
Insertion / removal durability	100 cycles											
Insertion Forces (g or over)	100						150					70
Removal Forces (g or over)	100						150					70
Material	Inner contact: Beryllium Copper Body: Brass											

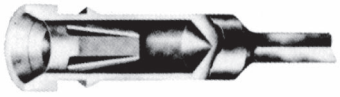


Diagram of the inner structure of the socket