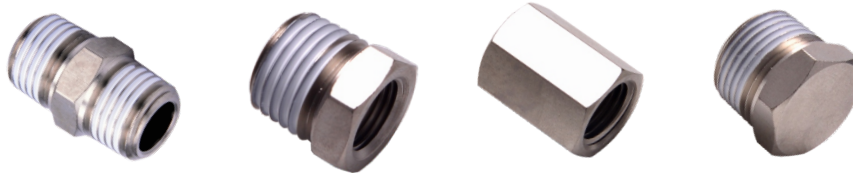


Accessories——One-Touch Fittings

One-touch fittings——threaded type



Ordering code

NBB 1/8 - 1/8

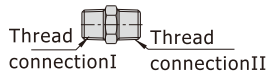
①

②

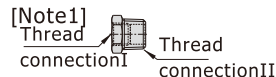
③

① Model

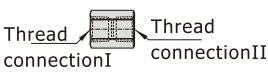
NBB: Male connector



NBD: Male & female connector



NBU: Double female connector



NBZ: Hexagon head cap plug



② Thread connection I

1/8: NPT1/8
1/4: NPT1/4
3/8: NPT3/8
1/2: NPT1/2

③ Thread connection II

1/8: NPT1/8
1/4: NPT1/4
3/8: NPT3/8
1/2: NPT1/2

BB 01 01

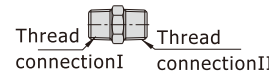
①

②

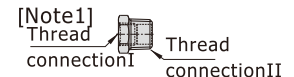
③

① Model

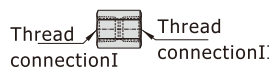
BB: Male connector



BD: Male & female connector



BU: Double female connector



BZ: Hexagon head cap plug



② Thread connection I

01: PT1/8
02: PT1/4
03: PT3/8
04: PT1/2

③ Thread connection II

01: PT1/8
02: PT1/4
03: PT3/8
04: PT1/2

[Note1] For NBD series, Thread I is Female thread, Thread II is male thread;

[Note2] For NBZ series, no thread II and thread I is male thread.

Table for interface port and tube O.D.

Product series	Thread connection I	Thread connection II			
		NPT1/8	NPT1/4	NPT3/8	NPT1/2
NBB	NPT1/8	•	•	•	
	NPT1/4		•	•	•
	NPT3/8			•	•
	NPT1/2				•
NBU	NPT1/8	•			
	NPT1/4		•		
	NPT3/8			•	
	NPT1/2				•
NBD	NPT1/8		•	•	•
	NPT1/4			•	•
	NPT3/8				•
	NPT1/2				

Product series	Thread connection			
	NPT1/8	NPT1/4	NPT3/8	NPT1/2
NBZ	•	•	•	•

Product series	Thread connection I	Thread connection II			
		PT1/8	PT1/4	PT3/8	PT1/2
BB	PT1/8	•	•	•	
	PT1/4		•	•	•
	PT3/8			•	•
	PT1/2				•
BD	PT1/8		•	•	•
	PT1/4			•	•
	PT3/8				•
	PT1/2				
BU	PT1/8	•			
	PT1/4		•		
	PT3/8			•	
	PT1/2				•

Product series	Thread connection			
	PT1/8	PT1/4	PT3/8	PT1/2
BZ	•	•	•	•

Specification

Operating pressure range	0~145psi(0~1.0MPa)
Negative pressure	10Torr(-750mmHg)
Proof pressure	215psi(1.5MPa)
Ambient and fluid temperature	32~302°F(0~150°C)

Product feature

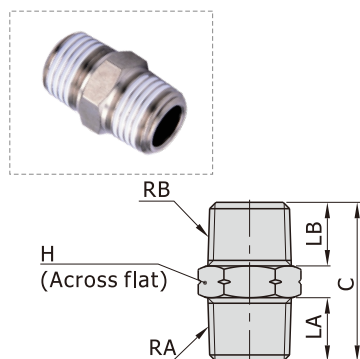
1. Variable models can be widely used in every kind of pneumatic systems.
2. High circulation performance bear the same flow with the volume of the tube inner diameter.
3. The nickel plated body is anti-corrosion and anti-pollution, which allows a broader application.
4. Metal fittings can be used in high temperature environment.

One-touch fittings—threaded type

Dimensions

NBB Series

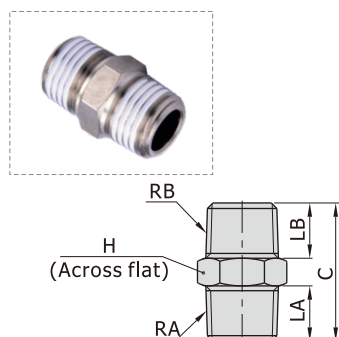
[Unit: inch]



Model\Item	RA	RB	LA	LB	C	H	Weight(g)
NBB1/8-1/8	NPT1/8	NPT1/8	0.30	0.30	0.77	7/16	7.3
NBB1/8-1/4	NPT1/4	NPT1/8	0.39	0.30	0.89	9/16	12.4
NBB1/8-3/8	NPT3/8	NPT1/8	0.43	0.30	0.94	11/16	18.9
NBB1/4-1/4	NPT1/4	NPT1/4	0.39	0.39	0.98	9/16	14.9
NBB1/4-3/8	NPT3/8	NPT1/4	0.43	0.39	1.04	11/16	20.9
NBB1/4-1/2	NPT1/2	NPT1/4	0.55	0.39	1.18	7/8	36.6
NBB3/8-3/8	NPT3/8	NPT3/8	0.43	0.43	1.08	11/16	23.8
NBB3/8-1/2	NPT1/2	NPT3/8	0.55	0.43	1.22	7/8	38.5
NBB1/2-1/2	NPT1/2	NPT1/2	0.55	0.55	1.34	7/8	45.1

BB Series

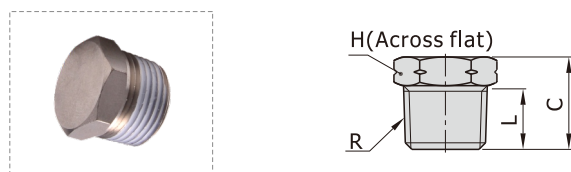
[Unit: mm]



Model\Item	RA	RB	LA	LB	C	H	Weight(g)
BB0101	PT1/8	PT1/8	7.5	7.5	19.5	10	6.6
Bb0102	PT1/4	PT1/8	10	7.5	22.5	14	12.1
BB0103	PT3/8	PT1/8	11	7.5	24	17	18.3
BB0202	PT1/4	PT1/4	10	10	25	14	14.6
BB0203	PT3/8	PT1/4	11	10	26.5	17	20.3
BB0204	PT1/2	PT1/4	14	10	30	21	34.3
BB0303	PT3/8	PT3/8	11	11	27.5	17	23.2
BB0304	PT1/2	PT3/8	14	11	31	21	36.2
BB0404	PT1/2	PT1/2	14	14	34	21	42.8

NBZ Series

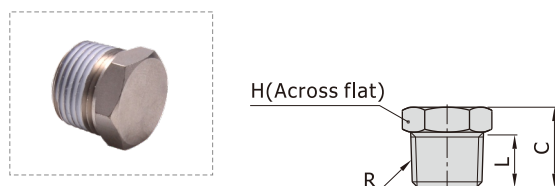
[Unit: inch]



Model\Item	R	L	C	H	Weight(g)
NBZ1/8	NPT1/8	0.30	0.43	7/16	5.1
NBZ1/4	NPT1/4	0.39	0.57	9/16	11.1
NBZ3/8	NPT3/8	0.43	0.63	11/16	18.0
NBZ1/2	NPT1/2	0.55	0.77	7/8	35.2

BZ Series

[Unit: mm]



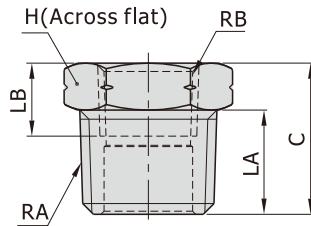
Model\Item	R	L	C	H	Weight(g)
BZ01	PT1/8	7.5	11	10	4.6
BZ02	PT1/4	10	14.5	14	10.8
BZ03	PT3/8	11	16	17	17.4
BZ04	PT1/2	14	19.5	21	33

Accessories——One-Touch Fittings

One-touch fittings——threaded type

NBD Series

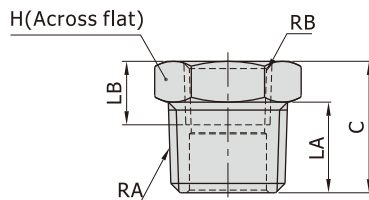
[Unit: inch]



Model\Item	RA	RB	LA	LB	C	H	Weight(g)
NBD1/8-1/4	NPT1/4	NPT1/8	0.39	0.31	0.57	9/16	9.1
NBD1/8-3/8	NPT3/8	NPT1/8	0.43	0.31	0.63	11/16	17.7
NBD1/8-1/2	NPT1/2	NPT1/8	0.55	0.31	0.77	7/8	35.3
NBD1/4-3/8	NPT3/8	NPT1/4	0.43	0.43	0.63	11/16	13.3
NBD1/4-1/2	NPT1/2	NPT1/4	0.55	0.43	0.77	7/8	32.1
NBD3/8-1/2	NPT1/2	NPT3/8	0.55	0.47	0.77	7/8	24.7

BD Series

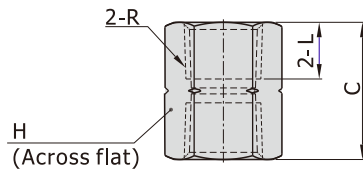
[Unit: mm]



Model\Item	RA	RB	LA	LB	C	H	Weight(g)
BD0102	PT1/4	PT1/8	10	8	14.5	14	8.8
Bd0103	PT3/8	PT1/8	11	8	16	17	17.1
BD0104	PT1/2	PT1/8	14	8	19.5	21	33.1
BD0203	PT3/8	PT1/4	11	11	16	17	12.7
BD0204	PT1/2	PT1/4	14	11	19.5	21	29.9
BD0304	PT1/2	PT3/8	14	12	19.5	21	22.5

NBU Series

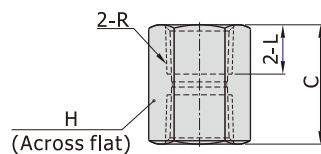
[Unit: inch]



Model\Item	R	L	C	H	Weight(g)
NBU1/8-1/8	NPT1/8	0.31	0.67	7/16	5.1
NBU1/4-1/4	NPT1/4	0.43	0.91	9/16	8.9
NBU3/8-3/8	NPT3/8	0.47	0.98	11/16	15.8
NBU1/2-1/2	NPT1/2	0.53	1.10	7/8	19.3

BU Series

[Unit: mm]



Model\Item	R	L	C	H	Weight(g)
BU0101	PT1/8	8	17	14	4.7
Bu0202	PT1/4	11	23	17	8.1
BU0303	PT3/8	12	25	21	12.7
BU0404	PT1/2	13.5	28	25	18.0