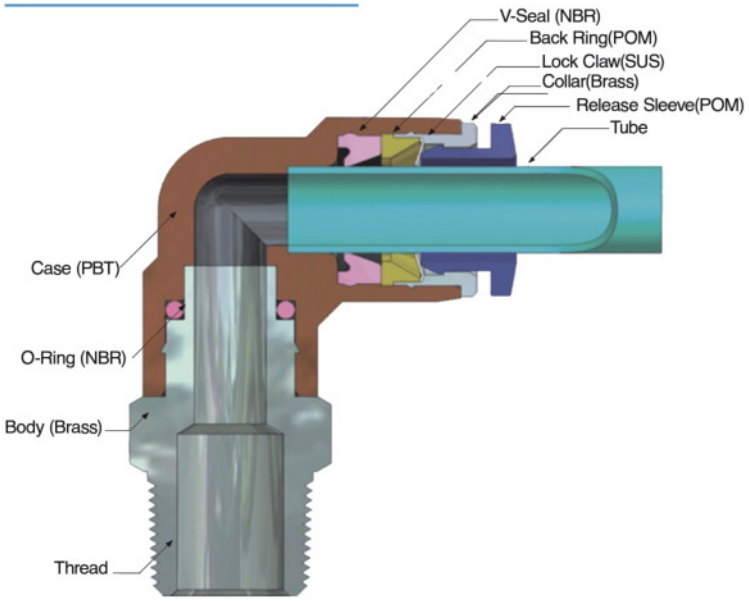
AIRNEO

4

PNEUMATIC FITTINGS

One Touch-In Fitting

Internal Structure



* Fast installation,simple and smart,space-saving.
* In a variety of models,suitable for any tubes.
* Even after installation,the direction of the tube can be changed freey.
* Elliptical release ring design easy to dismantle.
* Once be inserted,the tube would not easily loose.
* All the taper pipe threads are pre-costed sealant, perfect sealing performance.
* With Hex type,convenient to installation even the narrow place.

Specifications

Working Medium	Air, Vacuum
Working Pressure Range	0~0.8Mpa
Max Pressure	1.2Mpa
Working Temperature	0~60°C
Applicable Tube	Nylon,PU

Ordering Code

One Touch-In Fitting

APC - **08** - **02**

Series code

Tube Outside

04:4 mm	12:12 mm	5/32":5/32"
06:6 mm	14:14 mm	3/16":3/16"
08:8 mm	16:16 mm	1/4":1/4"
10:10 mm		5/16":5/16"
		3/8":3/8"
		1/2":1/2"

Thread

M5:M5 x 0.8	G01:1/8" BSP
01:1/8" PT	G02:1/4" BSP
02:1/4" PT	G03:3/8" BSP
03:3/8" PT	G04:1/2" BSP
04:1/2" PT	

One Touch-In Fitting

Tube Size

	Tube (Metric)						
Code	4	6	8	10	12	14	16
Tube Outside	∅ 4	∅ 6	∅ 8	∅ 10	∅ 12	∅ 14	∅ 16

Thread

	Thread (Metric)						
Code	M5	M6	M8	M10	M12	M14	M16
Thread	M5x0.8	M6x1.0	M8x1.0	M10x1.0	M12x1.25	M14x1.5	M16x1.5

	55° Thread (R)			
Code	01	02	03	04
Thread	R1/8	R1/4	R3/8	R1/2

	55° Thread (G)			
Code	G01	G02	G03	G04
Thread	G1/8	G1/4	G3/8	G1/2

∅**D**

T

APC

Model (∅ D-T)		
Tube (Metric) - Thread (R)		
APC04-M5	APC06-04	APC12-02
APC04-01	APC08-01	APC12-03
APC04-02	APC08-02	APC12-04
APC06-01	APC08-03	APC14-03
APC06-02	APC08-04	APC14-04
APC06-03	APC10-01	APC16-03
	APC10-02	APC16-04
	APC10-03	
	APC10-04	

One Touch-In Fitting

APL

Model (∅ D-T)		
Tube (Metric) - Thread (R)		
APL04-M5	APL06-04	APL12-02
APL04-01	APL08-01	APL12-03
APL04-02	APL08-02	APL12-04
APL06-01	APL08-03	APL14-03
APL06-02	APL08-04	APL14-04
APL06-03	APL10-01	APL16-03
	APL10-02	APL16-04
	APL10-03	
	APC10-04	

APB

Model (∅ D-T)		
Tube (Metric) - Thread (R)		
APB04-M5	APB06-04	APB12-02
APB04-01	APB08-01	APB12-03
APB04-02	APB08-02	APB12-04
APB06-01	APB08-03	APB14-03
APB06-02	APB08-04	APB14-04
APB06-03	APB10-01	APB16-03
	APB10-02	APB16-04
	APB10-03	
	APB10-04	

One Touch-In Fitting

APD

Model (∅ D-T)		
Tube (Metric) - Thread (R)		
APD04-M5	APD06-04	APD12-02
APD04-01	APD08-01	APD12-03
APD04-02	APD08-02	APD12-04
APD06-01	APD08-03	APD14-03
APD06-02	APD08-04	APD14-04
APD06-03	APD10-01	APD16-03
	APD10-02	APD16-04
	APD10-03	
	APD10-04	

APM

Model (∅ D-T)	Model (∅ D-T)
Tube (Metric)	Tube (Metric)
APM04	APU04
APM06	APU06
APM08	APU08
APM10	APU10
APM12	APU12
APM14	APU14
APM16	APU16

APU

APZA

Model (∅ D-T)	Model (∅ D-T)
Tube (Metric)	Tube (Metric)
APZA 04	APY04
APZA 06	APY06
APZA 08	APY08
APZA 10	APY10
APZA 12	APY12

APY

One Touch-In Fitting

APE

APEG

Model (∅ D - ∅ D)	Model (∅ D - ∅ D)	Model (∅ D - ∅ D)
Tube (Metric)	Tube (Metric)	Tube (Metric)
APEG06-04	APE04	APG06-04
APEG08-04	APE06	APG08-04
APEG08-06	APE08	APG08-06
APEG10-06	APE10	APG10-06
APEG10-08	APE12	APG10-08
APEG12-08	APE14	APG12-10
APEG12-10	APE16	APG16-12
APEG16-12		APG16-14

APG

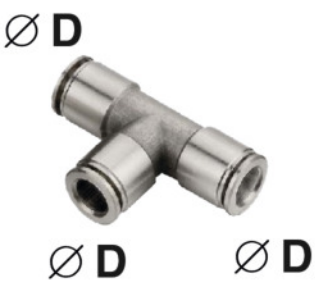
APV

Model (∅ D-T)	Model (∅ D-T)
Tube (Metric)	Tube (Metric)
APV04	MPU04
APV06	MPU06
APV08	MPU08
APV10	MPU10
APV12	MPU12
APV14	
APV16	

MPU

MPV

Model (∅ D-T)	Model (∅ D-T)
Tube (Metric)	Tube (Metric)
MPV04	MPE04
MPV06	MPE06
MPV08	MPE08
MPV10	MPE10
MPV12	MPE12



MPE

One Touch-In Fitting

MPC

Model (∅ D - T)		
Tube (Metric) - Thread (R)		
MPC04-G01	MPC06-G04	MPC12-G02
MPC04-G02	MPC08-G01	MPC12-G03
MPC06-G01	MPC08-G02	MPC12-G04
MPC06-G02	MPC08-G03	
MPC06-G03	MPC08-G04	
	MPC10-G01	
	MPC10-G02	
	MPC10-G03	
	MPC10-G04	

MPL

Model (∅ D - T)		
Tube (Metric) - Thread (R)		
MPL04-G01	MPL06-G04	MPL12-G02
MPL04-G02	MPL08-G01	MPL12-G03
MPL06-G01	MPL08-G02	MPL12-G04
MPL06-G02	MPL08-G03	
MPL06-G03	MPL08-G04	
	MPL10-G01	
	MPL10-G02	
	MPL10-G03	
	MPL10-G04	

One Touch-In Fitting

APC-G

Model (∅ D - T)		
Tube (Metric) - Thread (G)		
APC04-G01	APC08-G02	APC12-G02
APC04-G02	APC08-G03	APC12-G03
APC06-G01	APC08-G04	APC12-G04
APC06-G02	APC10-G01	APC14-G03
APC06-G03	APC10-G02	APC14-G04
APC06-G04	APC10-G03	APC16-G03
APC08-G01	APC10-G04	APC16-G04

APCF-G

Model (∅ D - T)		
Tube (Metric) - Thread (G)		
APCF04-G01	APCF08-G03	APCF12-G03
APCF04-G02	APCF08-G04	APCF12-G04
APCF06-G01	APCF10-G01	APCF14-G03
APCF06-G02	APCF10-G02	APCF14-G04
APCF06-G03	APCF10-G03	APCF16-G03
APCF08-G01	APCF10-G04	APCF16-G04
APCF08-G02	APCF12-G02	

APD-G

Model (∅ D - T)		
Tube (Metric) - Thread (G)		
APD 04-G01	APD 08-G02	APD 12-G02
APD 04-G02	APD 08-G03	APD 12-G03
APD 06-G01	APD 08-G04	APD 08-G04
APD 06-G02	APD 10-G01	APD 14-G03
APD 06-G03	APD 10-G02	APD 14-G04
APD 06-G04	APD 10-G03	APD 16-G03
APD 08-G01	APD 10-G04	APD 16-G04

One Touch-In Fitting

APB-G

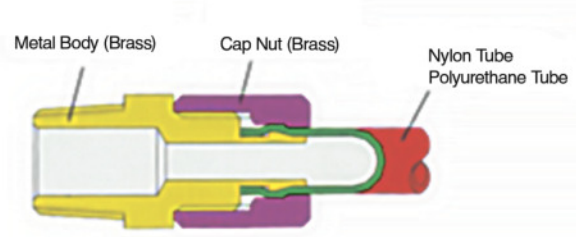
Model (∅ D - T)		
Tube (Metric) - Thread (G)		
APB 04-G01	APB 08-G02	APB 12-G02
APB 04-G02	APB 08-G03	APB 12-G03
APB 06-G01	APB 08-G04	APB 12-G04
APB 06-G02	APB 10-G01	APB 14-G03
APB 06-G03	APB 10-G02	APB 14-G04
APB 06-G04	APB 10-G03	APB 16-G03
APB 08-G01	APB 10-G04	APB 16-G04

APL-G

Model (∅D-T)		
Tube (Metric) - Thread (G)		
APL04-G01	APL08-G02	APL12-G02
APL04-G02	APL08-G03	APL08-G03
APL06-G01	APL08-G04	APL12-G04
APL06-G02	APL06-G02	APL14-G03
APL14-G03	APL10-G02	APL14-G04
APL06-G04	APL10-G03	APL16-G03
APL08-G01	APL10-G04	APL16-G04

Push-On Fitting

Structure chart



O.D. \ Code	Blank
4	4x2.5
6	6x4
8	8x6
10	10x8
12	12x10

Push-On Fitting

ABC

Model (∅ D - T)		
Tube (Metric) - Thread (R)		
ABC04-M5	ABC06-04	ABC12-02
ABC04-01	ABC08-01	ABC12-03
ABC04-02	ABC08-02	ABC12-04
ABC06-01	ABC08-03	
ABC06-02	ABC08-04	
ABC06-03	ABC10-01	
	ABC10-02	
	ABC10-03	
	ABC10-04	

T ∅ D

ABL

Model (∅ D - T)		
Tube (Metric) - Thread (R)		
ABL04-M5	ABL06-04	ABL12-02
ABL04-01	ABL08-01	ABL12-03
ABL04-02	ABL08-02	ABL12-04
ABL06-01	ABL08-03	
ABL06-02	ABL08-04	
ABL06-03	ABL10-01	
	ABL10-02	
	ABL10-03	
	ABL10-04	

Push-On Fitting

ABU

Model (∅ D - T)
Tube (Metric)
ABU04
ABU06
ABU08
ABU10
ABU12

Model (∅ D - T)
Tube (Metric)
APV04
APV06
APV08
APV10
APV12

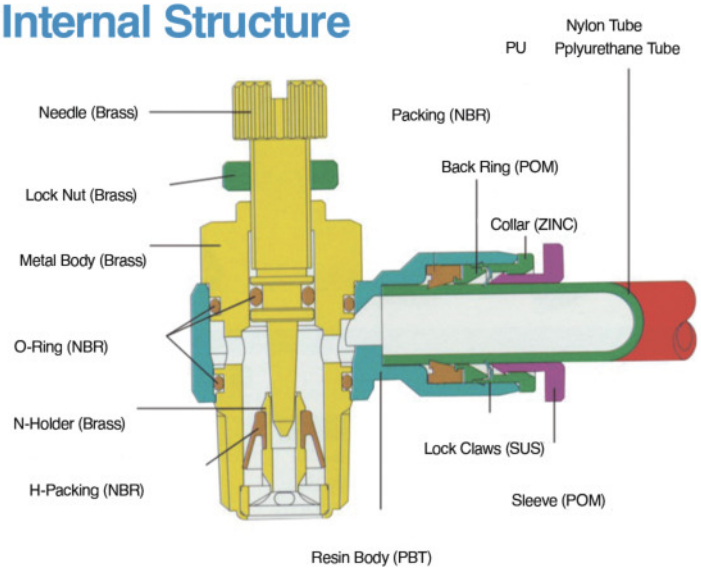
APV

APE

Tube (Metric)
APE04
APE06
APE08
APE10
APE12

Speed Control Valve

Internal Structure



* Used to control the speed of the working equipment

* Because of resin body and metal body rotation lead to the direction is free.

When the needle opened slowly from the “completely closed”, it is dengerous becase the actuator may be sudden “come out” while adjusting of the nnedle in case of it is opened. It should be operating in secure. Clockwise to “off” , counterclockwise to “on” . Don’t swing or rotate the products forcibly, it may result in damage or cause leakage.

To a certain extent, the few air leakage of Speed Control is allowed when it is a completely closed situation because of it is design. Please don’t use it is in the environment required no air leakage.

Speed Control Valve

Specifications

Working Medium	Air
Working Pressure Range	0~0.1Mpa
Max Pressure	1.2Mpa
Working Temperature	0~60°C
Applicable Tube	Nylon,PU

Type	Exhaust Control out	Entaining air Control in
Type		
	ASC06-01	ASC06-01B

When you order control in type,please put B at the end of model type.For example,ASC06-01B

T

∅ D

ASC-G

Model (∅ D - T)	
Tube (Metric) - Thread (R)	
ASC 04-M5(B)	ASC 08-G03(B)
ASC 04-G01(B)	ASC 08-G04(B)
ASC 04-G02(B)	ASC 10-G01(B)
ASC 06-G01(B)	ASC 10-G02(B)
ASC 06-G02(B)	ASC 10-G03(B)
ASC 06-G03(B)	ASC 10-G04(B)
ASC 06-G04(B)	ASC 12-G02(B)
ASC 08-G01(B)	ASC 12-G03(B)
ASC 08-G02(B)	ASC 12-G04(B)

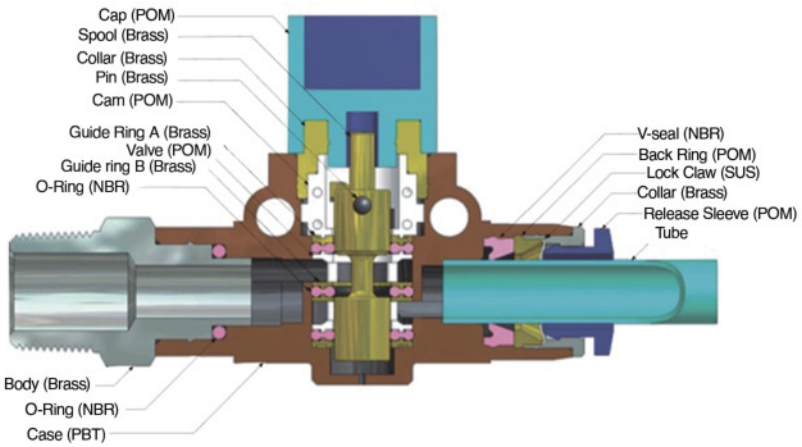
Speed Control Valve

ASU

Model (∅ D - T)
Tube (Metric)
ASU04
ASU06
ASU08
ASU10
ASU12

Hand Valve

Internal Structure



* The source of pressure can be completely shut off by simply turning the knob.

* Three- way directional control configuration releases the residual internal pressure on the output side when manually closed.

* Ideal for inspecting or repairing any devices without compromising the safety.

Specifications

Working Medium	Air
Working Pressure Range	0~0.1Mpa
Max Pressure	1.2Mpa
Working Temperature	0~60°C
Applicable Tube	Nylon,PU

Hand Valve

Ordering Code

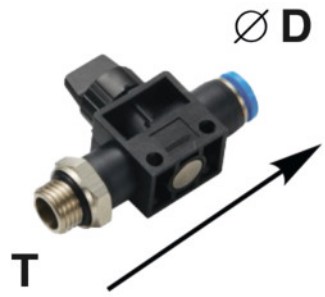
Hand Valve

HVSF	06	-	02	06
Series code	Entrance		Exit	Option

HVSF: Air Goes From Thread and Exits Through Tube- Tapered
HVFF: Air Goes From Tube and Exits Through Tube
HVSS: Air Goes From Thread and Exits Through Thread- Tapered

06:6 mm
08:8 mm
10:10 mm
12:12 mm

G01:1/8" BSP
G02:1/4" BSP
G03:3/8" BSP
G04:1/2" BSP

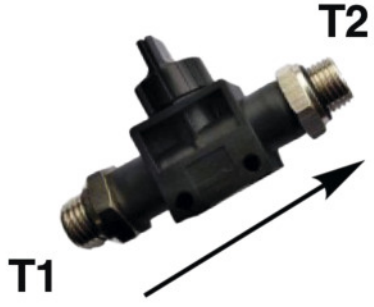


HVSF- G

Model (∅ D - T)		
Tube (Metric) - Thread (G)		
HVSF06-G01	HVSF10-G02	HVSF12-G02
HVSF06-G02	HVSF10-G03	HVSF12-G03
HVSF06-G03	HVSF10-G04	HVSF12-G04
HVSF08-G01		
HVSF08-G02		
HVSF08-G03		

HVFF

Model (∅ D - T)	
Tube (Metric) - Thread (R)	
HVFF 06-06	HVFF 12-12
HVFF 08-08	
HVFF 10-10	



HVSS-G

Model (∅ D - T)	
Tube (Metric) - Thread (R)	
HVSS G01-G01	HVSS G04-G03
HVSS G02-G01	HVSS G04-G04
HVSS G02-G02	
HVSS G03-G02	
HVSS G03-G03	

Silencer

Model	Thread	S
A-M5	M5	8
A-6	1/8"	13
A-8	1/4"	16
A-10	3/8"	19
A-15	1/2"	24
A-20	3/4"	30
A-25	1"	36
A-32	1- 1/4"	46
A-40	1- 1/2"	53
A-50	2"	64

Model	Thread	S
V-M5	M5	8
V-6	1/8"	13
V-8	1/4"	16
V-10	3/8"	19
V-15	1/2"	24
V-20	3/4"	30
V-25	1"	36
V-32	1-1/4"	46
V-40	1-1/2"	53
V-50	2"	64

Silencer

Model	Thread	S
SD-6	1/8"	12
SD-8	1/4"	14
SD-10	3/8"	17
SD-15	1/2"	21
SD-20	3/4"	27
SD-25	1"	34

SD Type

Model	Thread	S
SU-6	1/8"	16
SU-8	1/4"	20
SU-10	3/8"	24
SU-15	1/2"	24
SU-20	3/4"	48
SU-25	1"	48

SU Type Silencer

Plastic Silencer