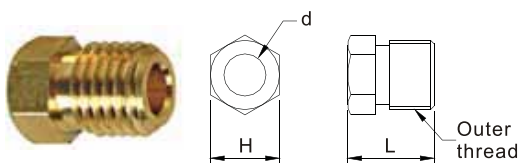
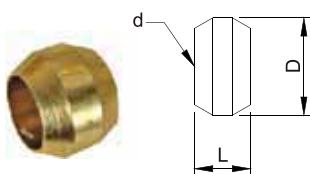


## Compression Bushing



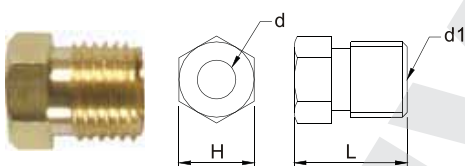
Model	Bore	d	L	Outer-thread	H	Weight(g)
PA-4	Ø4	Ø4.1	12	M8xP1.0	8	3
PA-6	Ø6	Ø6.1	12.5	M10xP1.0	10	4
PA-8	Ø8	Ø8.1	14	M14xP1.5	14	9
PA-10	Ø10	Ø10.1	15	M16xP1.5	16	12
PA-12	Ø12	Ø12.1	16	M18xP1.5	19	16

## Compression Sleeve



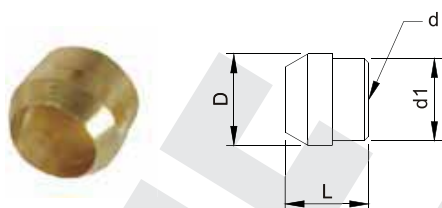
Model	Bore	d	D	L	Weight(g)
PB-4	Ø4	Ø4.1	Ø6	4.6	0.3
PB-6	Ø6	Ø6.1	Ø8	4.6	0.6
PB-8	Ø8	Ø8.1	Ø11	7	2
PB-10	Ø10	Ø10.1	Ø13.5	8	3
PB-12	Ø12	Ø12.1	Ø16	9	4

## Compression Bushing



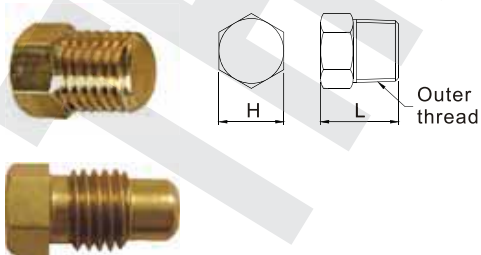
Model	Bore	d	d1	L	Outer-thread	H	Weight(g)
PA104	Ø4	Ø4.1	Ø5.5	12	M8xP1.0	8	3
PA106	Ø6	Ø6.1	Ø7.5	12.5	M10xP1.0	10	4
PA108	Ø8	Ø8.1	Ø9.5	14	M12xP1.0	14	10

## Compression Sleeve



Model	Bore	d	d1	D	L	Weight(g)
PB104	Ø4	Ø4.1	Ø5.4	Ø6	5.5	0.4
PB106	Ø6	Ø6.1	Ø7.4	Ø8	6	0.7
PB108	Ø8	Ø8.1	Ø9.4	Ø10	7	1

## Closure Plug



Model	L	Outer-thread	H	Weight(g)
PG-004	12	M8xP1.0	8	4
PG-1	12	PT1/8	10	6
PG-410	15	M10xP1.0	14	10
PUNOM080-1 (Central Bored Ø3)	16	M8xP1.0 (Long Type)	8	6

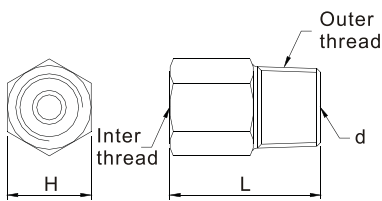
PUNOM080-1

※ In millimeter unless otherwise stated.

# Straight Adapter



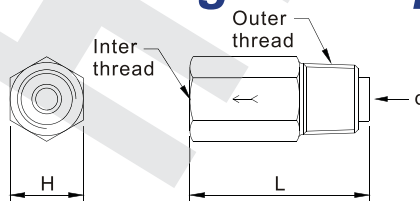
Model	Bore	d	L	H	Inter-thread	Outer-thread	Weight(g)
PD-401	Ø4	Ø3	18	10	M8xP1.0	PT1/8	8
PD-402	Ø4	Ø3	18	14	M8xP1.0	PT1/4	17
PD-403	Ø4	Ø3	18	17	M8xP1.0	PT3/8	28
PD-601	Ø6	Ø4	18	12	M10xP1.0	PT1/8	8
PD-602	Ø6	Ø5	18	14	M10xP1.0	PT1/4	14
PD-603	Ø6	Ø5	18	17	M10xP1.0	PT3/8	24
PD-801	Ø8	Ø5	26	17	M14xP1.5	PT1/8	22
PD-802	Ø8	Ø6	26	17	M14xP1.5	PT1/4	26
PD-803	Ø8	Ø7	26	17	M14xP1.5	PT3/8	30
PD-1002	Ø10	Ø7	30	19	M16xP1.5	PT1/4	33
PD-1003	Ø10	Ø9	30	19	M16xP1.5	PT3/8	35
PD-1202	Ø12	Ø7	34	21	M18xP1.5	PT1/4	42
PD-1203	Ø12	Ø9	34	21	M18xP1.5	PT3/8	46



Special Items							
Model	Bore	d	L	H	Inter-thread	Outer-thread	Weight(g)
PD-406	Ø4	Ø2	20	10	M8xP1.0	M6xP0.75	6
PD-4061	Ø4	Ø2	20	10	M8xP1.0	M6xP1.0	6
PD-410	Ø4	Ø3	18	12	M8xP1.0	M10xP1.0 TAP	6
PD-408	Ø4	Ø3	18	10	M8xP1.0	M8xP1.0	6
PD-606	Ø6	Ø1.9	18	12	M10xP1.0	M6xP0.75	8
PD-6061	Ø6	Ø1.9	18	12	M10xP1.0	M6xP1.0	8
PD-608	Ø6	Ø3	21	12	M10xP1.0	M8xP1.0	8
PD-610	Ø6	Ø4	18	12	M10xP1.0	M10xP1.0 TAP	8

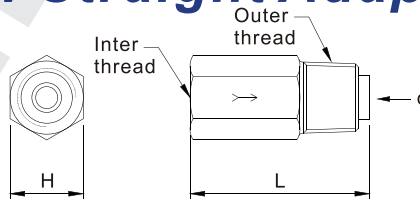
Model	L	H	Inter-thread	Outer-thread	Weight(g)
PD-101	18	12	PT1/8	PT1/8	9
PD-102	18	14	PT1/8	PT1/4	16
PD-202	28	19	PT1/4	PT1/4	14
PD-203	26	17	PT1/4	PT3/8	34

# One-Way Flow Straight Adapter



Model	Bore	d	L	H	Inter-thread	Outer-thread	Weight(g)
PD-4011	Ø4	Ø4.9	25	10	M8xP1.0	PT1/8	11
PD-6011	Ø6	Ø4.9	26	12	M10xP1.0	PT1/8	14

# Reverse Flow Straight Adapter

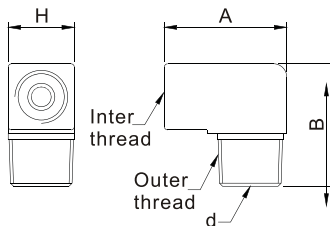


Model	Bore	d	L	H	Inter-thread	Outer-thread	Weight(g)
PD-4012	Ø4	Ø4.9	25	10	M8xP1.0	PT1/8	11
PD-6012	Ø6	Ø4.9	26	12	M10xP1.0	PT1/8	14

※ In millimeter unless otherwise stated.

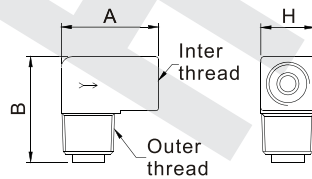
# Elbow Adapter

PH400



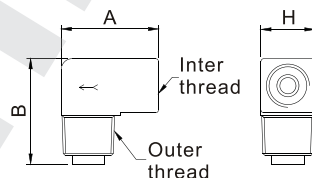
Model	Bore	d	A	B	H	Inter-thread	Outer-thread	Weight(g)
PH-400	Ø4	Ø3	18	18	10	M8xP1.0	Ø5.8-6.2	13
PH-401	Ø4	Ø4	18	18	10	M8xP1.0	PT1/8	13
PH-402	Ø4	Ø5	20	21	14	M8xP1.0	PT1/4	32
PH-601	Ø6	Ø4	20	20	12	M10xP1.0	PT1/8	20
PH-602	Ø6	Ø5	20	21	14	M10xP1.0	PT1/4	29
PH-801	Ø8	Ø4	26	29	17	M14xP1.5	PT1/8	52
PH-802	Ø8	Ø6	26	29	17	M14xP1.5	PT1/4	56
PH-803	Ø8	Ø8	26	29	17	M14xP1.5	PT3/8	59
PH-1002	Ø10	Ø7	29	31	19	M16xP1.5	PT1/4	70
PH-1003	Ø10	Ø8	29	31	19	M16xP1.5	PT3/8	76
PH-1202	Ø12	Ø7	33	34	21	M18xP1.5	PT1/4	91
PH-1203	Ø12	Ø10	33	34	21	M18xP1.5	PT3/8	95
Special Items								
Model	Bore	d	A	B	H	Inter-thread	Outer-thread	Weight(g)
PH-406	Ø4	Ø2	18	18	10	M8xP1.0	M6xP0.75	13
PH-4061	Ø4	Ø2	18	18	10	M8xP1.0	M6xP1.0	12
PH-408	Ø4	Ø3	18	18	10	M8xP1.0	M8xP1.0	13
PH-410	Ø4	Ø4	20	20	12	M8xP1.0	M10xP1.0	15
PH-6061	Ø6	Ø2	20	20	12	M10xP1.0	M6xP1.0	20
PH-608	Ø6	Ø3	20	20	12	M10xP1.0	M8xP1.0	20
PH-610	Ø6	Ø4	20	20	12	M10xP1.0	M10xP1.0 TAP	22
Model	d	A	B	H	Inter-thread	Outer-thread	Weight(g)	
PH-101	Ø4	20	20	12	PT1/8	PT1/8	17	
PH-102	Ø5	19.5	21	14	PT1/8	PT1/4	30	
PH-201	Ø4	26	29	17	PT1/4	PT1/8	47	
PH-202	Ø6	26	29	17	PT1/4	PT1/4	50	
PH-203	Ø8	26	29	17	PT1/4	PT3/8	56	
PH-303	Ø10	33	34	21	PT3/8	PT3/8	91	

# One-Way Flow Elbow Adapter



Model	Bore	d	A	B	H	Inter-thread	Outer-thread	Weight(g)
PH-4011	Ø4	Ø4.9	18	19.5	10	M8xP1.0	PT1/8	11
PH-6011	Ø6	Ø4.9	20	21.5	12	M10xP1.0	PT1/8	14

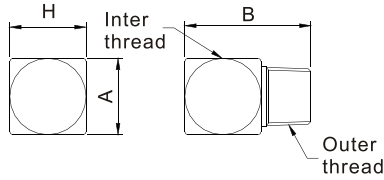
# Reverse Flow Elbow Adapter



Model	Bore	d	A	B	H	Inter-thread	Outer-thread	Weight(g)
PH-4012	Ø4	Ø4.9	18	19.5	10	M8xP1.0	PT1/8	11
PH-6012	Ø6	Ø4.9	20	21.5	12	M10xP1.0	PT1/8	14

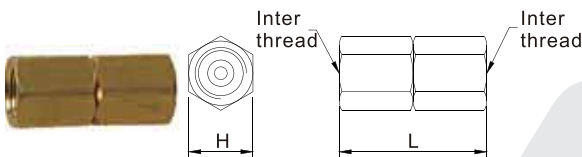
※ In millimeter unless otherwise stated.

# Plane Elbow Adapter



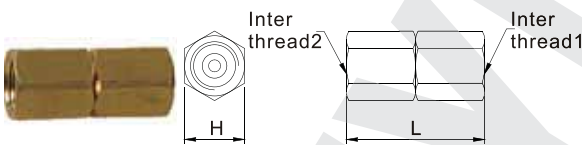
Model	A	B	Inter-thread	Outer-thread	H	Weight(g)
PI-408	12.7	21	M8xP1.0	M8xP1.0	12.7	12
PI-401	12.7	21	M8xP1.0	PT1/8	12.7	13
PI-601	12.7	21	M10xP1.0	PT1/8	12.7	13
PI-101	12.7	21	PT1/8	PT1/8	12.5	17
PI-1061	12	20	PT1/8	M6xP1.0	12	10
PI-106	12	20	PT1/8	M6xP0.75	12	10
PI-4061	12	20	M8xP1.0	M6xP1.0	12	14
PI-402	12.4	23	M8xP1.0	PT1/4	12.4	22
PI-1011	12.7	30	PT1/8	PT1/8	12.7	20
PI-102	12.4	23	PT1/8	PT1/4	12.4	18

## Connector A



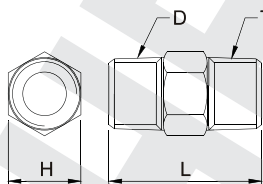
Model	Bore	H	L	Inter-thread	Weight(g)
PM-4	Ø4	10	23	M8xP1.0	17
PM-6	Ø6	12	25	M10xP1.0	12
PM-8	Ø8	17	33	M14xP1.5	40
PM-10	Ø10	19	36	M16xP1.5	51
PM-12	Ø12	21	39	M18xP1.5	65

## Connector B



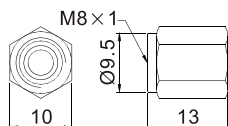
Model	Bore	H	L	Inter-thread1	Inter-thread2	Weight(g)
PN-4	Ø4	12	23	M8xP1.0	PT1/8	16
PN-6	Ø6	12	23	M10xP1.0	PT1/8	12
PN-8	Ø8	17	33	M14xP1.5	PT1/4	41
PN-10	Ø10	19	36	M16xP1.5	PT1/4	58
PN-12	Ø12	21	39	M18xP1.5	PT3/8	65

## Connector



Model	DxT	Material	H	L	Weight(g)
CN-101	PT1/8xPT1/8	Brass	10	21	6
CN-202	PT1/4xPT1/4	Brass	14	25	12
CN-404	PT1/2xPT1/2	Iron	23	40	68
RN-102	PT1/8xPT1/4	Brass	14	27	16
RN-203	PT1/4xPT3/8	Brass	17	27	18
RN-304	PT3/8xPT1/2	Iron	21	39	56
PTD10100	M10xM10	Brass	10	20	10
PTD01021	PT1/8xPT1/4	Iron	14	32	20
PTD03031	PT3/8xPT3/8	Iron	17	36	42
PTD03061	PT3/8xPT3/4	Iron	27	47	108
PROCPV-1	M8xM8	Brass	10	22	7
PROCPS-1	M8xM1/8	Brass	10	22	9

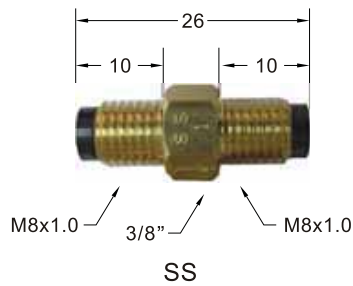
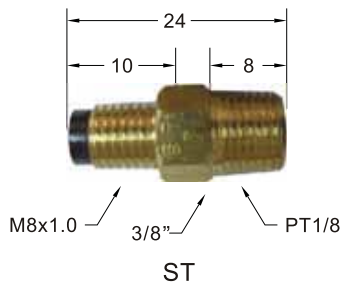
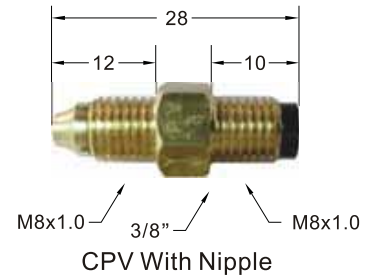
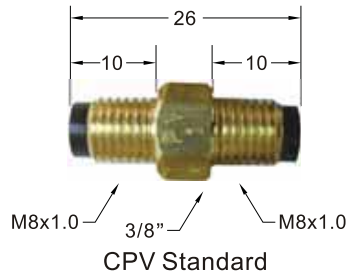
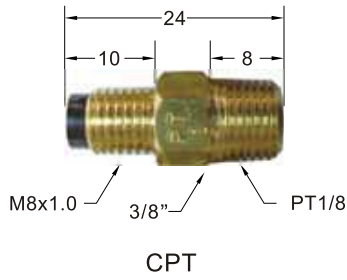
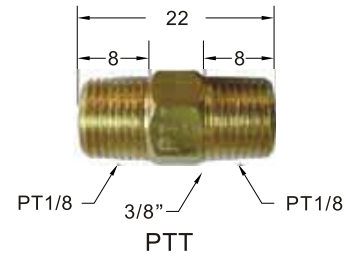
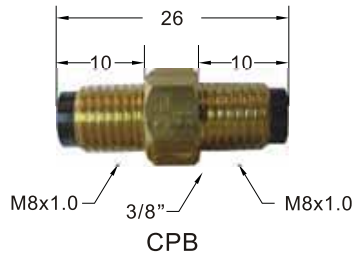
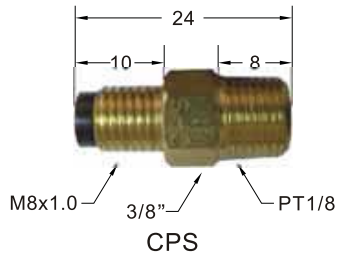
## Compression Nut



Model	Inter-thread	Weight(g)
PR-08	M8xP1.0	4

※ In millimeter unless otherwise stated.

# Proportion Adapters



Specification	Model	Code					Outer-thread	Weight(g)
For Grease NLGI grades 0 ~ 000	CPS	1	2	3	4	5	M8xPT1/8	10
	CPB						M8xM8	9

Code				
1	2	3	4	5
Flow Rate				
1	2	4	8	16

Specification	Model	Code					Outer-thread	Weight(g)
• One way flow with reverse stopper • For large and small volume use • Suitable for oil use	PTT	1	2	3	4	5	PT1/8xPT1/8	10
	CPT						M8xPT1/8	10
	1. CPV Standard 2. CPV With Nipple						M8xM8	9

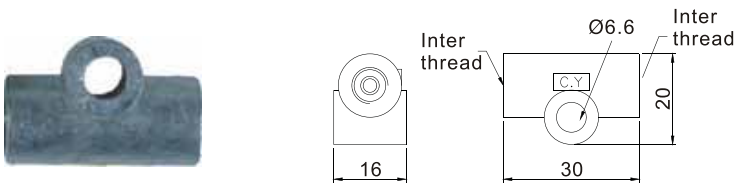
Code				
1	2	3	4	5
Flow Rate				
1	2	4	8	16

Specification	Model	Code					Outer-thread	Weight(g)	
• One way flow with reverse stopper • For large volume use • Suitable for oil use	ST	0	1	2	3	4	5	M8xPT1/8	9
	SS							M8xM8	8

Code					
0	1	2	3	4	5
Flow Rate					
2	4	8	16	32	64

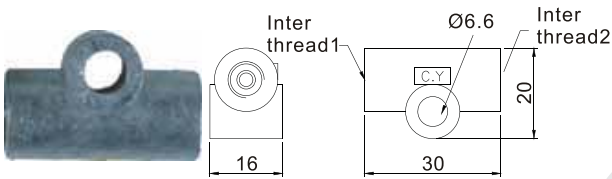
※ In millimeter unless otherwise stated.

## 2 Way Junction A



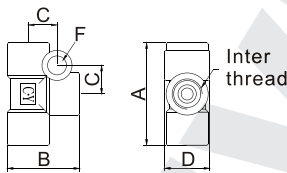
Model	Bore	Inter-thread	Weight(g)
JD-4	Ø4	M8xP1.0	27
JD-6	Ø6	M10xP1.0	23

## 2 Way Junction B



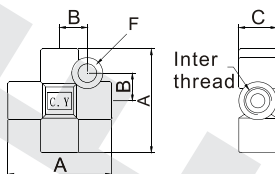
Model	Bore	Inter-thread1	Inter-thread2	Weight(g)
JD-601	Ø6	M10xP1.0	PT1/8	22
JD-406	Ø4xØ6	M8xP1.0	M10xP1.0	25

## 3 Way Junction



Model	Bore	A	B	C	D	F	Inter-thread	Weight(g)
PKD-4	Ø4	29	19.5	8.5	12	Ø6.2	M8xP1.0	16
PKD-6	Ø6	34	24	9.5	15		M10xP1.0	32
PKD-8	Ø8	42	31	14.5	19	Ø6.6	M14xP1.5	64
PKD-10	Ø10	51	37	16	24		M16xP1.5	89

## 4 Way Junction



Model	Bore	A	B	C	F	Inter-thread	Weight(g)
PJD-4	Ø4	30	8	11	Ø5.3	M8xP1.0	23
PJD-6	Ø6	34	9	15.5	Ø5.8	M10xP1.0	33
PJD-8	Ø8	42	12	22	Ø6.8	M14xP1.5	94

## Vertical Junction



Model	Outlet Num.	Bore	A	B	C	Inter-thread	Weight(g)
PHD-301	3	Ø4	21	21	21	M8xP1.0	18
PHD-401	4		30	21	21		23
PHD-501	5		30	30	21		27

※ In millimeter unless otherwise stated.