

# The old and new dimension comparison table of Tube Fitting Standard series

*PISCO push-in fitting, superior in operability and durability, has been redesigned to smart type.*

(10 configurations.)

## Satisfying customer's needs by saving the core structure.

### 1. Reduced in weight for all the models.

Average of about 25% reduction in weight has been achieved and some models have been downsized.

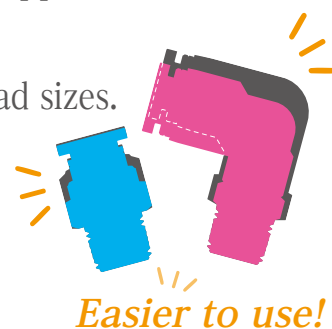
### 2. The gasket material is unified to PPS.

Fall prevention type with improved corrosion resistance is applied.

### 3. Recommended screw tightening torque is reduced.











We reviewed the tightening torque for all the taper pipe thread sizes.

\*Please refer to the last page.

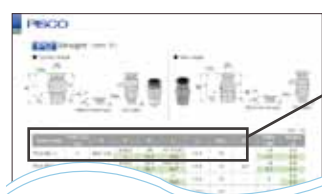


## Type of subject models

These changes shall be implemented sequentially from November 1, 2014

PC	POC	PCF	PM	PMF	PL	PLL	PB	PD	PX
Straight 	Inner Hex. Straight 	Female Straight 	Bulkhead Union 	Bulkhead Female Straight 	Elbow 	Long Elbow 	Branch Tee 	Run Tee 	Branch Y 
Model Code PC $\phi$ D-R	Model Code POC $\phi$ D-R	Model Code PCF $\phi$ D-Rc	Model Code PM $\phi$ D	Model Code PMF $\phi$ D-Rc	Model Code PL $\phi$ D-R	Model Code PLL $\phi$ D-R	Model Code PB $\phi$ D-R	Model Code PD $\phi$ D-R	Model Code PX $\phi$ D-R

## How to use this table



Model code	Tube O.D. $\phi$ D	R	A	B	L	C	Hex.
PC4-M5 □	4	M5×0.8	3 [3.2] 3	20 19.8	17 [16.8] 16.8	14.9	10

① : There are no dimensional changes.

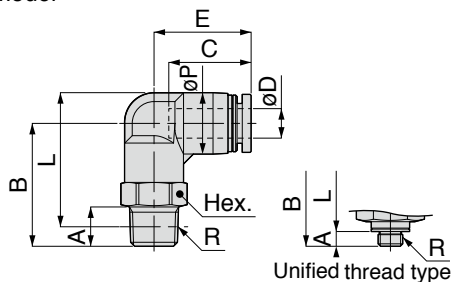
② : There are dimensional changes.

Upper character: Current model, Bottom character: New model

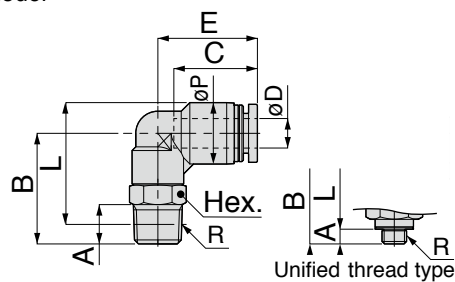
▶ Please refer to details from next page.

# PL Elbow (inch - NPT)

● Current model



● New model



Unit : mm

Model code	Tube O.D. øD	R	A	B	L	øP	C	E	Hex.	Orifice (ømm)	Weight (g)
PL5/32-U10U □	5/32	No.10-32UNF	3	20.3	22.3	10	14.9	18	7/16	1.8	8.3
				16	18			17.7	5/16	2.4	5.4
PL5/32-N0U □	5/32	1/16-27NPT	8	23.3	24.2	10	14.9	18	7/16	2.8	9.9
				22	22.9			18.7			12
PL5/32-N1U □	5/32	1/8-27NPT	8	23.3	24.2	10	14.9	18	7/16	2.8	12
				22	22.9			18.7			11
PL5/32-N2U □	5/32	1/4-18NPT	11	26.3	25.5	10	14.9	18	9/16	2.8	21
				29	28.2			20.7			18
PL3/16-U10U □	3/16	No.10-32UNF	3	22	25.3	12.5	17.2	20.2	1/2	1.8	13
				19.5	22.8		17.4	7/16	2.4	9.4	
PL3/16-N0U □	3/16	1/16-27NPT	8	25	27.2	12.5	17.2	20.2	1/2	3.9	13
				22.5	24.7		17.4	7/16	3.3	14	
PL3/16-N1U □	3/16	1/8-27NPT	8	25	27.1	12.5	17.2	20.2	1/2	3.9	15
				22.5	24.6		17.4	7/16	3.3	12	
PL3/16-N2U □	3/16	1/4-18NPT	11	28	28.5	12.5	17.2	20.2	9/16	3.9	23
				28	28.5		17.4	22.2	3.3	19	
PL1/4-U10U □	1/4	No.10-32UNF	3	22	25.3	12.5	16.8	19.8	1/2	1.8	13
				19.5	22.8		17	20.3	7/16	2.4	9
PL1/4-N0U □	1/4	1/16-27NPT	8	25	27.2	12.5	16.8	19.8	1/2	4.6	13
				22.5	24.7		17	20.3	7/16	4.6	13
PL1/4-N1U □	1/4	1/8-27NPT	8	25	27.1	12.5	16.8	19.8	1/2	4.6	15
				22.5	24.6		17	20.3	7/16	4.6	12
PL1/4-N2U □	1/4	1/4-18NPT	11	28	28.5	12.5	16.8	19.8	9/16	4.6	22
				28	28.5		17	21.8	5.3	19	
PL1/4-N3U □	1/4	3/8-18NPT	12	29.8	30	12.5	16.8	19.8	11/16	4.6	36
				31.5	31.7		17	23.8	5.3	31	
PL5/16-N1U □	5/16	1/8-27NPT	8	28	31.1	14.5	18.1	22.7	9/16	6.0	19
				24	27.1			1/2	6.0	15	
PL5/16-N2U □	5/16	1/4-18NPT	11	31	32.5	14.5	18.1	22.7	9/16	6.0	24
				28	29.5			23.7	6.7	20	
PL5/16-N3U □	5/16	3/8-18NPT	12	32.8	34	14.5	18.1	22.7	11/16	6.0	38
				31	32.2			24.7	6.7	32	
PL3/8-N1U □	3/8	1/8-27NPT	8	33	37.6	17.5	20.2	26.2	11/16	6.0	32
				25	29.6			25.5	1/2	6.0	19
PL3/8-N2U □	3/8	1/4-18NPT	11	36	39	17.5	20.2	26.2	11/16	8.0	34
				28.5	31.5			26	9/16	8.0	24
PL3/8-N3U □	3/8	3/8-18NPT	12	37	39.7	17.5	20.2	26.2	11/16	8.0	43
				32	34.7			27	8.3	36	
PL3/8-N4U □	3/8	1/2-14NPT	15	40	40.6	17.5	20.2	26.2	7/8	8.0	65
				36	36.6			27.5	8.3	60	
PL1/2-N2U □	1/2	1/4-18NPT	11	38	42.7	21	23.7	29.7	7/8	8.0	51
				29.8	34.5			29.3	9/16	8.0	26
PL1/2-N3U □	1/2	3/8-18NPT	12	39	43.4	21	23.7	29.7	7/8	10.0	52
				32.5	36.9			30	11/16	10.0	38
PL1/2-N4U □	1/2	1/2-14NPT	15	42	44.4	21	23.7	29.7	7/8	10.0	67
				36.5	38.9			31	11.0	63	

• -C in □ is Clean-room package. W in □ is Light-gray spec. W-C in □ is Light-gray and Clean-room package spec. -UC in □ is Ultra-sonic clean wash spec. Apply blank for standard model.

\*L dimensions of taper thread type are reference dimensions after tightening screw. \*The prices remain the same with current models.