

To: All customers
Attn.: To Whom It May Concern
Date: Oct. 10, 2014

Appearance & Dimension Change on Selected Standard Tube Fittings

Dear Sir,

We appreciate your business with PISCO.

This is to inform you that we are going to carry out the following design changes on the selected Tube Fitting models to correspond the requests of weight reduction and downsizing by many of our customers. Although putting our best effort for smooth transition, we apologize for the inconvenience being caused by this change in advance. We ask for your kind understanding and cooperation.

Sincerely Yours,

1. Subject models

【Tube Fitting】Standard type, Clean-room package and ultrasonic clean wash specification
Type: Straight (PC), Female Straight (PCF), Inner Hex. Straight (POC), Bulkhead Union (PM), Bulkhead Female Straight (PMF), Elbow (PL), Long Elbow (PLL), Branch Tee (PB), Run Tee (PD), Branch Y (PX)

*Note: Please refer to the list on the next page for more details.

2. Changes

1) Appearance and dimensional change

Weight reduction and downsizing are realized for most model types.

Please refer to the dimension comparison catalogue ([SFD1-02e-01](#), available separately) for detailed dimensions.

*Specification, tube-fitting operability, model code and price remain the same.

*CAD data shall be prepared sequentially and will be available from September 2014. The data of specific model will be provided earlier upon request.

Example: PC6-01
<Current model>



<New model>



Example: PL6-01
<Current model>



<New model>



2) Material change of bulkhead nut

Change from the nickel-plated brass to the trivalent chromate plated carbon steel.

3. Date of implementation :

These changes shall be implemented sequentially from November 1, 2014 except for the USA market. The changes in the USA market will be carried out in October 2015.

Please make inquires to following sales office if you need more information.

Overseas Operation Team


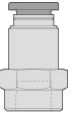


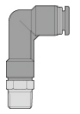

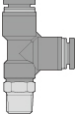
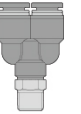


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List of subject models

Straight (PC)	Female Straight (PCF)	Inner Hex. Straight (POC)	Elbow (PL)	Long Elbow (PLL)	Branch Tee (PB)	Run Tee (PD)	Branch Y (PX)	Bulkhead Union (PM)
								
PC4-M5□	PCF4-M5□	POC4-M5□	PL4-M5□	PLL4-M5□	PB4-M5□	PD4-M5□	PX4-M5□	PM4□
PC4-M50□	PCF4-01□	POC4-M6□	PL4-M6□	PLL4-01□	PB4-M6□	PD4-M6□	PX4-M6□	PM6□
PC4-M6□	PCF4-02□	POC4-01□	PL4-01□	PLL4-02□	PB4-01□	PD4-01□	PX4-01□	PM8□
PC4-01□	PCF6-M5□	POC6-M5□	PL4-02□	PLL6-M5□	PB4-02□	PD4-02□	PX4-02□	PM10□
PC4-02□	PCF6-01□	POC6-M6□	PL6-M5□	PLL6-01□	PB6-M5□	PD6-M5□	PX6-M5□	PM12□
PC6-M5□	PCF6-02□	POC6-01□	PL6-M6□	PLL6-02□	PB6-M6□	PD6-M6□	PX6-M6□	PM16□
PC6-M6□	PCF6-03□	POC6-02□	PL6-01□	PLL6-03□	PB6-01□	PD6-01□	PX6-01□	PM5/32□
PC6-01□	PCF8-01□	POC8-01□	PL6-02□	PLL8-01□	PB6-02□	PD6-02□	PX6-02□	PM3/16□
PC6-02□	PCF8-02□	POC8-02□	PL6-03□	PLL8-02□	PB6-03□	PD6-03□	PX6-03□	PM1/4□
PC6-03□	PCF8-03□	POC8-03□	PL8-01□	PLL8-03□	PB8-01□	PD8-01□	PX8-01□	PM5/16□
PC8-01□	PCF10-02□	POC10-01□	PL8-02□	PLL10-01□	PB8-02□	PD8-02□	PX8-02□	PM3/8□
PC8-02□	PCF10-03□	POC10-02□	PL8-03□	PLL10-02□	PB8-03□	PD8-03□	PX8-03□	PM1/2□
PC8-03□	PCF12-02□	POC10-03□	PL10-01□	PLL10-03□	PB10-01□	PD10-01□	PX10-01□	Bulkhead Female Straight (PMF) 
PC10-01□	PCF12-03□	POC10-04□	PL10-02□	PLL10-04□	PB10-02□	PD10-02□	PX10-02□	
PC10-02□	PCF12-04□	POC12-02□	PL10-03□	PLL12-02□	PB10-03□	PD10-03□	PX10-03□	
PC10-03□	PCF16-03□	POC12-03□	PL10-04□	PLL12-03□	PB10-04□	PD10-04□	PX10-04□	
PC10-04□	PCF16-04□	POC12-04□	PL12-02□	PLL12-04□	PB12-02□	PD12-02□	PX12-02□	
PC12-02□	PCF5/32-01□	POC16-03□	PL12-03□	PLL5/32-01□	PB12-03□	PD12-03□	PX12-03□	
PC12-03□	PCF5/32-02□	POC16-04□	PL12-04□	PLL5/32-02□	PB12-04□	PD12-04□	PX12-04□	
PC12-04□	PCF3/16-01□	POC1/4-M5□	PL5/32-M5□	PLL3/16-01□	PB5/32-01□	PD5/32-01□	PX5/32-01□	
PC16-03□	PCF3/16-02□	POC1/4-01□	PL5/32-01□	PLL3/16-02□	PB5/32-02□	PD5/32-02□	PX5/32-02□	
PC16-04□	PCF1/4-01□	POC1/4-02□	PL5/32-02□	PLL1/4-01□	PB3/16-01□	PD3/16-01□	PX3/16-01□	
PC5/32-M5□	PCF1/4-02□	POC5/16-01□	PL3/16-M5□	PLL1/4-02□	PB3/16-02□	PD3/16-02□	PX3/16-02□	
PC5/32-01□	PCF1/4-03□	POC5/16-02□	PL3/16-01□	PLL1/4-03□	PB1/4-01□	PD1/4-01□	PX1/4-01□	
PC5/32-02□	PCF5/16-01□	POC5/16-03□	PL3/16-02□	PLL5/16-01□	PB1/4-02□	PD1/4-02□	PX1/4-02□	
PC3/16-M5□	PCF5/16-02□	POC3/8-02□	PL1/4-M5□	PLL5/16-02□	PB1/4-03□	PD1/4-03□	PX1/4-03□	
PC3/16-01□	PCF5/16-03□	POC3/8-03□	PL1/4-01□	PLL5/16-03□	PB5/16-01□	PD5/16-01□	PX5/16-01□	
PC3/16-02□	PCF3/8-02□	POC3/8-04□	PL1/4-02□	PLL3/8-01□	PB5/16-02□	PD5/16-02□	PX5/16-02□	
PC1/4-M5□	PCF3/8-03□		PL1/4-03□	PLL3/8-02□	PB5/16-03□	PD5/16-03□	PX5/16-03□	
PC1/4-01□	PCF1/2-02□		PL5/16-01□	PLL3/8-03□	PB3/8-01□	PD3/8-01□	PX3/8-01□	
PC1/4-02□	PCF1/2-03□		PL5/16-02□	PLL3/8-04□	PB3/8-02□	PD3/8-02□	PX3/8-02□	
PC1/4-03□	PCF1/2-04□		PL5/16-03□	PLL1/2-02□	PB3/8-03□	PD3/8-03□	PX3/8-03□	
PC5/16-01□			PL3/8-01□	PLL1/2-03□	PB3/8-04□	PD3/8-04□	PX3/8-04□	
PC5/16-02□			PL3/8-02□	PLL1/2-04□	PB1/2-02□	PD1/2-02□	PX1/2-02□	
PC5/16-03□			PL3/8-03□		PB1/2-03□	PD1/2-03□	PX1/2-03□	
PC3/8-01□			PL3/8-04□		PB1/2-04□	PD1/2-04□	PX1/2-04□	
PC3/8-02□			PL1/2-02□					
PC3/8-03□			PL1/2-03□					
PC3/8-04□			PL1/2-04□					
PC1/2-02□								
PC1/2-03□								
PC1/2-04□								
PC5/8-03□								
PC5/8-04□								

Note:

- *Code filled in □: "-C" → Clean-room package specification, "-UC" → Ultra-sonic clean wash specification, "W" → Light gray specification, "W-C" → Light gray and Clean-room package specification (Leave □ blank for Standard specification.)
- *Special options and special made items based on above models are also subject to the dimensional change.