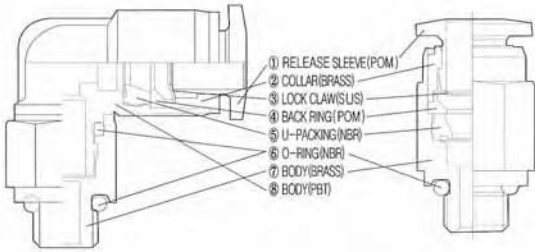




Compact One-Touch Fittings

Construction



FEATURES

- Ideal for pneumatic connections specifically for small and compact equipments.
- Aesthetically pleasing nickel-plated metallic standardized feature for all applicable compact fittings.

Specifications

Applicable fluid Type	AIR (No other type of gas or liquid)	
Working Pressure range	0~150 PSI	0~9.9kgF/cm ² (0~990KPa)
Negative Pressure	-29.5 in Hg	-750mm Hg (10 Torr)
Working temperature Range	32~140° F	0~60° C

Product Code Designation

SC / FC	—	T1/8	—	N1/8
(a)		(b)		(c)

(a) MODEL TYPE : SC (Metric) / FC (Inch Tube)

(b) TUBE OUTSIDE DIAMETER (φ O.D.)

	METRIC TUBE			INCH TUBE		
CODE	03	04	06	1/8	5/32	1/4
SIZE	3mm	4mm	6mm	1/8"	5/32"	1/4"

(c) THREAD TYPE & SIZE (T)

• METRIC & R(P.T) THREAD

	METRIC THREAD			R(P.T) THREAD
CODE	M3	M5	M6	01
SIZE	M3×0.5	M5×0.8	M6×1.0	R1/8

• INCH (UNF & NPT) THREAD

	UNF THREAD	NPT THREAD	
CODE	U	N0	N1
SIZE	10-32UNF	NPT1/16	NPT1/8

● Straight(Compact)

[ØD-T]



THREAD	METRIC TUBE			INCH TUBE		
	03	04	06	1/8	5/32	1/4
10-32UNF				FCS-T1/8-U10	FCS-T5/32-U10	FCS-T1/4-U10
1/16NPT				FCS-T1/8-N1/16	FCS-T5/32-N1/16	
1/8NPT				FCS-T1/8-N1/8	FCS-T5/32-N1/8	FCS-T1/4-N1/8
M3	SCS03-M3	SCS04-M3		FCS-T1/8-M3	FCS-T5/32-M3	
M5	SCS03-M5	SCS04-M5	SCS06-M5	FCS-T1/8-M5	FCS-T5/32-M5	FCS-T1/4-M5
M6	SCS03-M6	SCS04-M6	SCS06-M6	FCS-T1/8-M6	FCS-T5/32-M6	FCS-T1/4-M6
1/8PT		SCS04-01S	SCS06-01S	FCS-T1/8-P1/8	FCS-T5/32-P1/8	FCS-T1/4-P1/8

● Round Male Straight(Compact)

[ØD-T]



THREAD	METRIC TUBE			INCH TUBE		
	03	04	06	1/8	5/32	1/4
10-32UNF				FCSR-T1/8-U10	FCSR-T5/32-U10	FCSR-T1/4-U10
1/16NPT				FCSR-T1/8-N1/16	FCSR-T5/32-N1/16	
1/8NPT				FCSR-T1/8-N1/8	FCSR-T5/32-N1/8	FCSR-T1/4-N1/8
M3	SCSR03-M3	SCSR04-M3		FCSR-T1/8-M3	FCSR-T5/32-M3	
M5	SCSR03-M5	SCSR04-M5	SCSR06-M5	FCSR-T1/8-M5	FCSR-T5/32-M5	FCSR-T1/4-M5
M6	SCSR03-M6	SCSR04-M6	SCSR06-M6	FCSR-T1/8-M6	FCSR-T5/32-M6	FCSR-T1/4-M6
1/8PT		SCSR04-01S	SCSR06-01S		FCSR-T5/32-P1/8	FCSR-T1/4-P1/8

● Female Straight(Compact)

[ØD-T]



THREAD	METRIC TUBE		INCH TUBE	
	03	04	1/8	5/32
10-32UNF			FCSF-T1/8-U10	FCSF-T5/32-U10
1/16NPT			FCSF-T1/8-N1/16	FCSF-T5/32-N1/16
M3	SCSF03-M3	SCSF04-M3	FCSF-T1/8-M3	FCSF-T5/32-M3
M5	SCSF03-M5	SCSF04-M5	FCSF-T1/8-M5	FCSF-T5/32-M5

● Union Straight(Compact)

[ØD]



THREAD	METRIC TUBE			INCH TUBE		
	03	04	06	1/8	5/32	1/4
03	SCS03-00					
04		SCS04-00				
06			SCS06-00			
1/8				FCS-T1/8-T1/8		
5/32					FCS-T5/32-T5/32	FCS-T1/4-T5/32
3/16						FCS-T1/4-T3/16
1/4						FCS-T1/4-T1/4



Male Elbow(Compact)

[ØD-T]



THREAD	METRIC TUBE			INCH TUBE		
	03	04	06	1/8	5/32	1/4
10-32UNF				FCE-T/8-U10	FCE-T5/32-U10	FCE-T1/4-U10
1/16NPT				FCE-T/8-N1/16	FCE-T5/32-N1/16	
1/8NPT				FCE-T/8-N1/8	FCE-T5/32-N1/8	FCE-T1/4-N1/8
M3	SCE03-M3	SCE04-M3		FCE-T/8-M3	FCE-T5/32-M3	
M5	SCE03-M5	SCE04-M5	SCE06-M5	FCE-T/8-M5	FCE-T5/32-M5	FCE-T1/4-M5
M6	SCE03-M6	SCE04-M6	SCE06-M6	FCE-T/8-M6	FCE-T5/32-M6	FCE-T1/4-M6
1/8PT		SCE04-01	SCE06-01	FCE-T/8-P1/8	FCE-T5/32-P1/8	FCE-T1/4-P1/8

Extended Male Elbow(Compact)

[ØD-T]



THREAD	METRIC TUBE			INCH TUBE		
	03	04	06	1/8	5/32	1/4
M3	SCEL03-M3	SCEL04-M3		FCEL-T1/8-M3	FCSR-T5/32-U10	
M5	SCEL03-M5	SCEL04-M5	SCEL06-M5	FCEL-T1/8-M5	FCSR-T5/32-N1/16	FCEL-T1/4-M5
M6		SCEL04-M6	SCEL06-M6	FCEL-T1/8-M6	FCSR-T5/32-M3	FCEL-T1/4-M6
1/8PT		SCEL04-01	SCEL06-01		FCSR-T5/32-M5	FCEL-T1/4-P1/8

Union Elbow(Compact)

[ØD]



THREAD	METRIC TUBE		
	03	04	06
03	SCE03-00		
04		SCE04-00	
06			SCE06-00

THREAD	INCH TUBE		
	1/8	5/32	1/4
1/8	FCE-T/18-T/18		
5/32		FCE-T5/32-T5/32	
1/4			FCE-T1/4-T1/4

Union Y(Compact)

[ØD]



THREAD	METRIC TUBE		
	03	04	06
03	SCY03-00		
04		SCY04-00	
06			SCY06-00

THREAD	INCH TUBE		
	1/8	5/32	1/4
1/8	FCY-T/18-T/18		
5/32		FCY-T5/32-T5/32	
1/4			FCY-T1/4-T1/4

