

# Tightfit

Fireless copper pipe connector  
designed for HVAC equipment



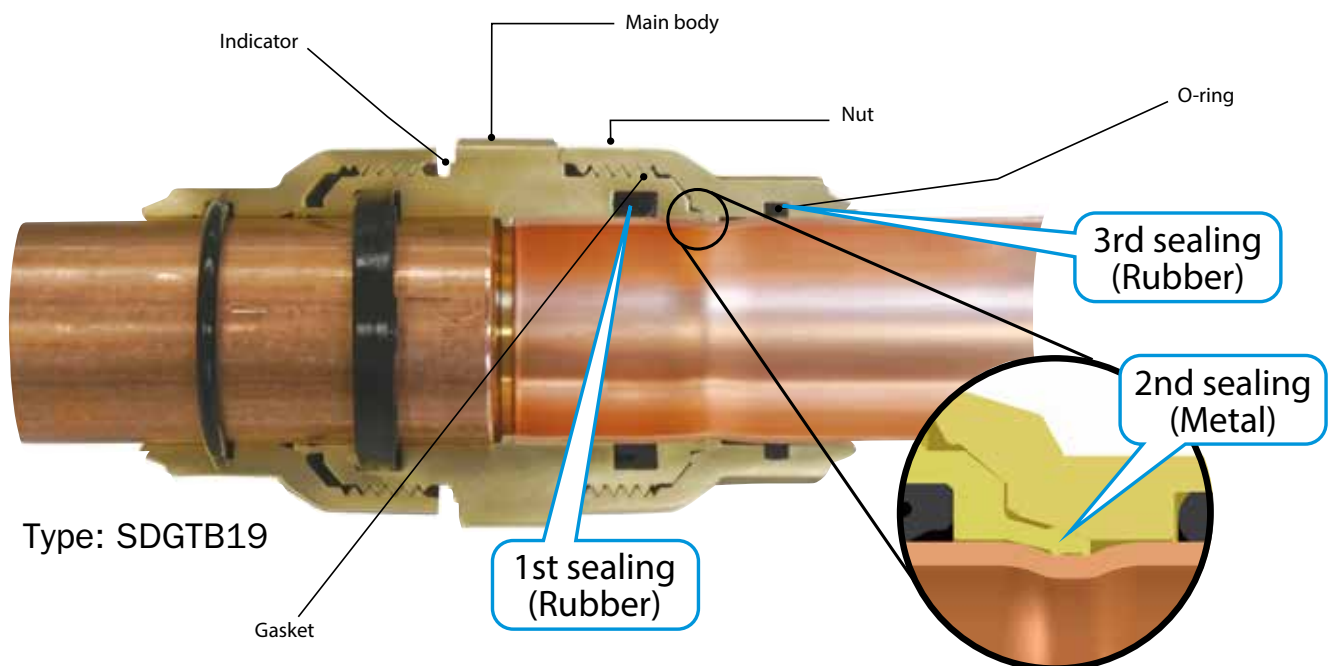
Fireless - Easy to install - Reliable

# Tightfit

Daikin Tightfit is a non-brazed connection suitable for refrigerant piping. Pipes can be joined easily and quickly without brazing or using any special tools. It meets stringent safety requirements and provides leak-free tightness.

- › Double edged claw catches the pipe to form **tight, mechanical sealing** ISO 14903 certified
- › Specially developed REFNET allows direct connection to Tightfit joints
- › Unique mechanical and resin sealing prevents any leak
- › Extremely durable: can withstand up to 4 times the maximum operating pressure of R-32 refrigerant (17.2 Mpa)

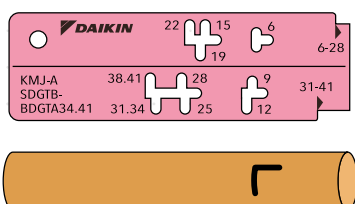
## Tightfit Mechanism



Daikin Tightfit is awarded 3 Ticks Excellent Rating by Singapore Green Building Product (SGBP) scheme. SGBP is a certification for green building products and materials, ensuring that sustainability is integrated throughout the design and manufacturing process of green building products.

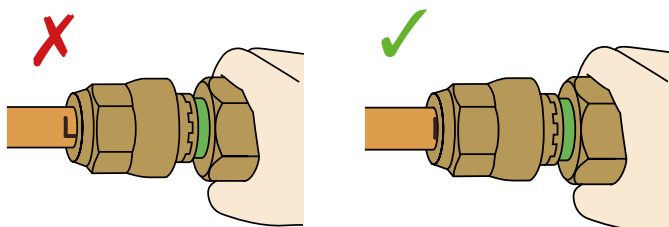


# Installation in 4 easy steps



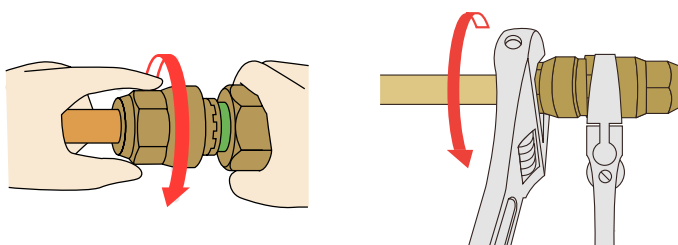
## 1 Mark the insertion line

Mark the insertion 'T' or 'L' standard line with the marking gauge and marker pen at the proper position of each pipe size.



## 2 Insert the pipe

1. Insert firmly by hand until the pipe stops.
2. Make sure that the insertion standard line is no longer visible.



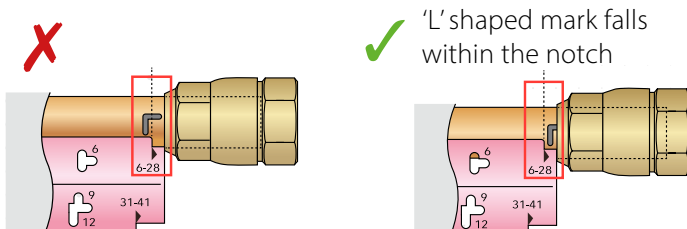
## 3 Tighten the nut

1. Hold the main body and tighten the nut by hand
2. Hold the main body and tighten the nut with a monkey wrench, until the green indicator disappears and the nut comes into contact with the flat face of the body.



## 4 Check

1. Green indicator should be hidden.
2. Place the marking gauge on the end face of the nut and make sure that the 'T' or 'L' shaped mark falls completely within the notch in the marking gauge.



[View our installation video!](#)

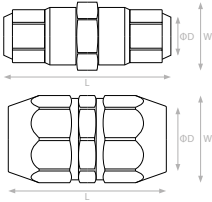
Tightfit joint

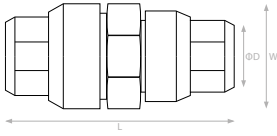


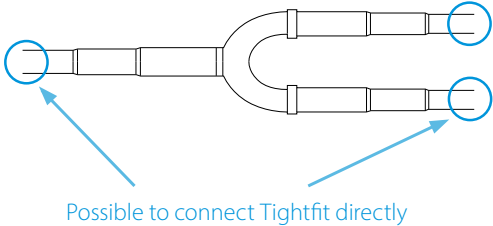
Tightfit REFNET



# Range and specifications

Standard joints (same size piping on each side)						
	Box Model Name	No. of joints/box	Dimensions			
			Diameter	L (mm)	W (mm)	Single Weight (g)
	SDGTB06_B	100	1/4" (6.35mm)	50.4	15	43
	SDGTB09_B	90	3/8" (9.52mm)	55	19.9	79
	SDGTB12_B	70	1/2" (12.7mm)	59	23.5	113
	SDGTB15_B	60	5/8" (15.9mm)	74	30	210
	SDGTB19_B	45	3/4" (19.1mm)	76.8	34.6	273
	SDGTB22_B	30	7/8" (22.2mm)	83.4	40.2	292
	SDGTB28_B	24	1 1/8" (28.6mm)	88	46.7	515
	BDGTA34_B	20	1 3/8" (34.9mm)	101.5	51.1	686
	BDGTA41_B	16	1 5/8" (41.3mm)	103.5	58.3	881

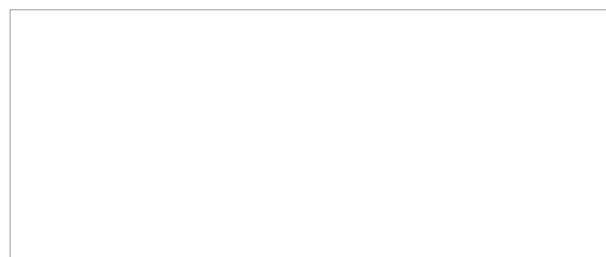
Asymmetric joints (different size piping on each side)						
	Box Model Name	No. of joints/box	Dimensions			
			Diameter	L (mm)	W (mm)	Single Weight (g)
	SDGTB0906_B	90	1/4"-3/8" (6.35-9.52mm)	52.7	19.9	67
	SDGTB1209_B	70	3/8"-1/2" (9.42-12.7mm)	57.5	23.5	101
	SDGTB1512_B	60	1/2"-5/8" (12.7-15.9mm)	65	30	164
	SDGTB1915_B	45	5/8"-3/4" (15.9-19.1mm)	76.8	34.6	244
	SDGTB2219_B	30	3/4"-7/8" (19.1-22.2mm)	81.5	40.2	358
	SDGTB2522_B	30	7/8"-1" (22.2-25.4mm)	85.8	43.5	444
	SDGTB2825_B	24	1"-1 1/8" (25.4-28.6mm)	88.1	46.7	505
	SDGTB3428_B	20	1 1/8"-1 3/8" (28.6-34.9mm)	101.5	51.1	645

Refnets compatible with Tightfit joints				
	Capacity index		Tightfit REFNET	Standard Refnet (for reference only)
	X < 290	290 ≤ X ≤ 640	BHRG26A33T	KHRQ22M20TA
	290 ≤ X ≤ 640	640 ≤ X	BHRG26A72T	KHRQ22M20T
	X < 290	290 ≤ X ≤ 640	BHRG26A73T	KHRQ22M29T9
	X < 290	290 ≤ X ≤ 640	BHRG25A33T	KHRQ22M64T
	X < 290	290 ≤ X ≤ 640	BHRG25A72T	KHRQ22M75T
	X < 290	290 ≤ X ≤ 640	BHRG25A73T	KHRQ23M20T
	X < 290	290 ≤ X ≤ 640	BHRG25A73T	KHRQ23M29T9
	X < 290	290 ≤ X ≤ 640	BHRG25A73T	KHRQ23M64T
	X < 290	290 ≤ X ≤ 640	BHRG25A73T	KHRQ23M75T

Accessories		New Measuring Tool
		SDGT_GAUGE

[www.daikin.eu](http://www.daikin.eu)

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