



COPPER



FITTINGS

EN 1254



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Specification

Holly End Feed Capillary Fittings & Solder Ring Fittings are manufactured to EN1254 Part 1 (BS864 Part2) & Holly Compression Fittings are produced to EN1254 Part 2 (BS864 Part2).

For sizes range from 15mm to 159mm, Holly Fittings are designed for use with copper tubes complying with EN1057 or stainless steel tube to BS4127 for portable hot & cold water installations and heating systems.

Holly Solder Ring Fittings contain an integral ring with sufficient lead free solder to make the joint by capillary action when heat is applied.

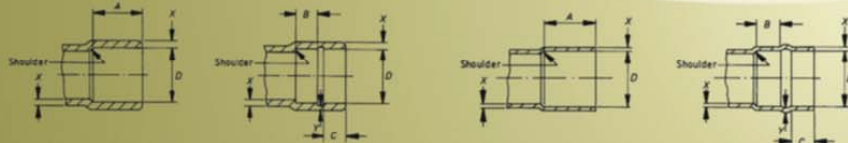
Maximum Working Temperature and Pressure

Service Temperature °C	Working Pressure	
	Size 6 to 54mm bar	Size 67 to 108mm bar
30	16	10
65	10	6
110	6	4
120	5	3

Reducing Tee specification ~



Dimensions and Tolerances



Fittings from pressings and castings

Fittings from drawn tube

Dimensions of capillary fittings ~

Size of fitting	Internal diameter of socket		Minimum length of socket surface in close contact with tube A or B + C	Minimum wall thickness					
	D			Drawn tube and cold forged		Pressing and rod		Castings	
	Max	Min.		X	Y	X	Y	X	Y
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
15	15.145	15.065	10.6	0.7	0.63	1.2	0.7	1.4	0.9
22	22.155	22.075	15.4	0.9	0.81	1.4	0.9	1.6	1.2
28	28.155	28.075	18.4	0.9	0.81	1.5	0.9	1.8	1.2
35	35.170	35.090	23.0	1.0	0.90	1.6	1.2	1.9	1.4
42	42.170	42.090	27.0	1.1	0.99	1.8	1.2	2.2	1.5
54	54.170	54.090	32.0	1.2	1.08	2.0	1.2	2.3	1.6
67	66.860	66.780	33.3	1.2	1.08	2.0	1.2	2.4	1.7
76	76.430	76.200	33.5	2.2	1.60				
108	108.33	108.100	47.5	2.5	2.10				
159	159.53	159.200	70.0	3.0	2.50				



鋼焊梳杰

Straight Coupling (C x C)

標準 Standard	規格 Specification
英標 EN1254-1 BS864-2	15, 22, 28, 35, 42, 54, 67, 76, 108, 159



鋼焊單刁士

Reducer (C x C)

標準 Standard	規格 Specification
英標 EN1254-1 BS864-2	22x15, 28x15, 28x22, 35x15, 35x22, 35x28, 42x15, 42x22, 42x28, 42x35, 54x15, 54x22, 54x28, 54x35, 54x42, 67x28, 67x35, 67x42, 67x54, 76x35, 76x42, 76x54, 108x54, 108x67, 108x76, 159x76, 159x108



鋼焊雙刁士

Reducing Coupling (C x C)

標準 Standard	規格 Specification
英標 EN1254-1 BS864-2	22x15, 28x15, 28x22, 35x15, 35x22, 35x28, 42x15, 42x22, 42x28, 42x35, 54x15, 54x22, 54x28, 54x35, 54x42, 67x28, 67x35, 67x42, 67x54, 76x35, 76x42, 76x54, 108x54, 108x67, 108x76, 159x76, 159x108



鋼焊曲尺

Elbow (C x C)

標準 Standard	規格 Specification
英標 EN1254-1 BS864-2	15, 22, 22x15, 28, 35, 42, 54, 67, 76, 108, 159



鋼焊45度曲尺

Obtuse Elbow 45° (C x C)

標準 Standard	規格 Specification
英標 EN1254-1 BS864-2	15, 22, 28, 35, 42, 54, 67, 76, 108, 159



鋼焊馬肚曲尺

Full Crossover (C x C)

標準 Standard	規格 Specification
英標 EN1254-1 BS864-2	22



銅焊三叉

Equal Tee (CxCxC)

標準 Standard	規格 Specification
英標 EN1254-1 BS864-2	15,22, 28, 35, 42, 54, 67, 76, 108, 159



銅焊大小三叉

Tee, Reduced Branch (CxCxC)

標準 Standard	規格 Specification
英標 EN1254-1 BS864-2	22x22x15, 28x28x15, 28x28x22, 35x35x15, 35x35x22, 35x35x28, 42x42x15, 42x42x22, 42x42x28, 42x42x35, 54x54x15, 54x54x22, 54x54x28, 54x54x35, 54x54x42, 67x67x28, 67x67x35, 67x67x42, 67x67x54, 76x76x28, 76x76x35, 76x76x42, 76x76x54, 76x76x67, 108x108x42, 108x108x54, 108x108x67, 108x108x76, 159x159x76, 159x159x108



銅焊大肚三叉

Tee, both Ends Reduced (CxCxC)

標準 Standard	規格 Specification
英標 EN1254-1 BS864-2	22x22x15, 28x28x22



銅焊末咀三叉

Tee, End/Branch Reduced (CxCxC)

標準 Standard	規格 Specification
英標 EN1254-1 BS864-2	22x15x15, 22x15x22, 28x22x22, 28x22x28



銅焊帽

Stop End

標準 Standard	規格 Specification
英標 EN1254-1 BS864-2	15, 22, 28, 35, 42, 54



銅焊外牙梳杰

Male Adaptor (C x M)

標準 Standard	規格 Specification
英標 EN1254-1 BS864-2	15x1/2", 22x3/4", 28x1", 35x1-1/4", 42x1-1/2", 54x2", 67x2-1/2", 76x3" x 108x4"



銅焊內牙梳杰

Female Adaptor (C x F)

標準 Standard	規格 Specification
英標 EN1254-1 BS864-2	15x1/2", 15x3/4", 22x1/2", 22x3/4", 28x1", 35x1-1/4", 42x1-1/2", 54x2", 67x2-1/2", 76x3" x 108x4"



銅焊外牙曲尺

Male Elbow (C x M)

標準 Standard	規格 Specification
英標 EN1254-1 BS864-2	15x1/2", 22x3/4", 28x1"



銅焊內牙曲尺

Female Elbow (C x F)

標準 Standard	規格 Specification
英標 EN1254-1 BS864-2	15x1/2", 22x1/2", 22x3/4", 28x1"



銅焊中牙三叉

Female Tee (C x C x F)

標準 Standard	規格 Specification
英標 EN1254-1 BS864-2	15x15x1/2", 22x22x1/2"



銅焊錫梳杰

Straight Coupling (CxC)

標準 Standard	規格 Specification
英標 EN1254-1 BS864-2	15,22, 28, 35, 42, 54



銅焊單錫刁士

Reducer (CxC)

標準 Standard	規格 Specification
英標 EN1254-1 BS864-2	22x15, 28x15, 28x22, 35x15, 35x22, 35x28, 42x22, 42x28, 42x35, 54x22, 54x28, 54x35, 54x42



銅焊雙錫刁士

Reducing Coupling (CxC)

標準 Standard	規格 Specification
英標 EN1254-1 BS864-2	22x15, 28x15, 28x22, 35x22, 35x28, 42x22, 42x28, 42x35, 54x28, 54x35, 54x42



銅焊錫曲尺

Elbow (CxC)

標準 Standard	規格 Specification
英標 EN1254-1 BS864-2	15,22, 22x15, 28, 35, 42, 54



銅焊錫45度曲尺

Obtuse Elbow 45° (CxC)

標準 Standard	規格 Specification
英標 EN1254-1 BS864-2	15,22, 28, 35, 42, 54



銅焊錫三叉

Equal Tee (CxCxC)

標準 Standard	規格 Specification
英標 EN1254-1 BS864-2	15,22, 28, 35, 42, 54



銅焊錫大小三叉

Tee, Reduced Branch (CxCxC)

標準 Standard	規格 Specification
英標 EN1254-1 BS864-2	22x22x15, 28x28x15, 28x28x22, 35x35x15, 35x35x22, 35x35x28, 42x42x15, 42x42x22, 42x42x28, 42x42x35, 54x54x15, 54x54x22, 54x54x28, 54x54x35, 54x54x42



銅焊錫大肚三叉

Tee, End/Branch Reduced (CxCxC)

標準 standard	規格 Specification
英標 EN1254-1 BS864-2	15x15x22, 22x22x28



銅焊錫朱胆三叉

Tee, End/Branch Reduced (CxCxC)

標準 Standard	規格 Specification
英標 EN1254-1 BS864-2	22x15x15, 22x15x22, 28x22x22, 28x22x28



銅焊錫喉帽

Stop End

標準 Standard	規格 Specification
英標 EN1254-1 BS864-2	15,22, 28, 35, 42, 54



銅焊錫外牙梳杰

Male Adaptor (C x M)

標準 Standard	規格 Specification
英標 EN1254-1 BS864-2	15x1/2", 22x3/4", 28x1"



銅焊錫內牙梳杰

Female Adaptor (C x F)

標準 Standard	規格 Specification
英標 EN1254-1 BS864-2	15x1/2", 22x3/4", 28x1"



銅焊錫外牙曲尺

Male Elbow (C x M)

標準 Standard	規格 Specification
英標 EN1254-1 BS864-2	15x1/2", 22x3/4", 28x1"



銅焊錫內牙曲尺

Female Elbow (C x F)

標準 Standard	規格 Specification
英標 EN1254-1 BS864-2	15x1/2", 22x1/2", 22x3/4", 28x1"



銅焊錫中牙三叉

Female Tee (C x F)

標準 Standard	規格 Specification
英標 EN1254-1 BS864-2	15x15x1/2", 22x22x1/2"



銅機芯

Compression Ring

標準 Standard	規格 Specification
英標 EN1254-2 BS864-2	15, 22, 28, 35, 42, 54



銅機急轉

Straight Coupling (C x C)

標準 Standard	規格 Specification
英標 EN1254-2 BS864-2	15, 22, 22x15, 28, 28x15, 28x22, 35, 42, 54



銅外牙機急轉

Male Coupling (C x M)

標準 Standard	規格 Specification
英標 EN1254-2 BS864-2	15x1/2", 15x3/4", 22x1/2", 22x3/4", 28x3/4", 28x1", 35x1-1/4", 42x1-1/2", 54x2"



銅內牙機急轉

Female Coupling (C x F)

標準 Standard	規格 Specification
英標 EN1254-2 BS864-2	15x1/2", 15x3/4", 22x1/2", 22x3/4", 28x3/4", 28x1", 35x1-1/4", 42x1-1/2", 54x2"



銅機帽

Stop End

標準 Standard	規格 Specification
英標 EN1254-2 BS864-2	15, 22, 28, 35, 42, 54



銅機牆頭座

Female Wall Elbow (C x F)

標準 Standard	規格 Specification
英標 EN1254-2 BS864-2	15x1/2"



銅機刁套

Reducing Set

標準 Standard	規格 Specification
英標 EN1254-2 BS864-2	15, 22, 28, 35, 42, 54



鋼機曲尺

Elbow (C x C)

標準 Standard	規格 Specification
英標 EN1254-2 BS864-2	15,22, 22x15, 28, 28x15, 28x22, 35, 42, 54



鋼機45度曲尺

Obtuse Elbow 45° (C x C)

標準 Standard	規格 Specification
英標 EN1254-2 BS864-2	15,22, 28



鋼機外牙曲尺

Male Elbow (C x M)

標準 Standard	規格 Specification
英標 EN1254-2 BS864-2	15x1/2", 15x3/4", 22x1/2", 22x3/4", 28x3/4", 28x1", 35x1-1/4", 42x1-1/2", 54x2"



鋼機內牙曲尺

Female Elbow (C x F)

標準 Standard	規格 Specification
英標 EN1254-2 BS864-2	15x1/2", 15x3/4", 22x1/2", 22x3/4", 28x3/4", 28x1", 35x1-1/4", 42x1-1/2", 54x2"



鋼機三叉

Equal Tee (C x C x C)

標準 Standard	規格 Specification
英標 EN1254-2 BS864-2	15, 22, 28, 35, 42, 54



鋼機大小三叉

Reducing Tee (C x C x C)

標準 Standard	規格 Specification
英標 EN1254-2 BS864-2	22x22x15, 22x15x15, 22x15x22, 28x28x15, 28x22x22, 28x22x28, 28x28x22, 35x35x15, 35x35x22, 35x35x28, 42x42x15, 42x42x22, 42x42x28, 42x42x35, 54x54x15, 54x54x22, 54x54x28, 54x54x35, 54x54x42



鋼機中牙三叉

Female Tee (C x C x F)

標準 Standard	規格 Specification
英標 EN1254-2 BS864-2	15x1/2", 22x22x1/2"

NUTEK SYSTEMS, LTD.
2321 - 2322
2321 - 2322

ITEM: 90° Elbow
ITEM REFERENCE: 90° Elbow
DESCRIPTION OF PART: 90° Elbow (Copper alloy with solder joint)
SAMPLE IDENTIFIED BY: The Holly Compression Fittings Department Ltd. (Holly, Kowloon, Hong Kong)

SCALE: 1:1
MATERIAL: BRASS (C63000)
FINISH: POLISHED
METHOD OF TESTS: BS864-2:1992
ISSUED BY: Holly
DATE: 12/10/2000

FIGURE NO. 90° Elbow (C x C)

Technical drawing showing dimensions: Overall size, Thickness, Height, and Diameter.

NUTEK SYSTEMS, LTD.
2321 - 2322
2321 - 2322

ITEM: 45° Elbow
ITEM REFERENCE: 45° Elbow
DESCRIPTION OF PART: 45° Elbow (Copper alloy with solder joint)
SAMPLE IDENTIFIED BY: The Holly Compression Fittings Department Ltd. (Holly, Kowloon, Hong Kong)

SCALE: 1:1
MATERIAL: BRASS (C63000)
FINISH: POLISHED
METHOD OF TESTS: BS864-2:1992
ISSUED BY: Holly
DATE: 12/10/2000

FIGURE NO. 45° Elbow (C x C)

Technical drawing showing dimensions: Overall size, Thickness, Height, and Diameter.

NUTEK SYSTEMS, LTD.
2321 - 2322
2321 - 2322

ITEM: Male Elbow
ITEM REFERENCE: Male Elbow
DESCRIPTION OF PART: Male Elbow (Copper alloy with solder joint)
SAMPLE IDENTIFIED BY: The Holly Compression Fittings Department Ltd. (Holly, Kowloon, Hong Kong)

SCALE: 1:1
MATERIAL: BRASS (C63000)
FINISH: POLISHED
METHOD OF TESTS: BS864-2:1992
ISSUED BY: Holly
DATE: 12/10/2000

FIGURE NO. Male Elbow (C x M)

Technical drawing showing dimensions: Overall size, Thickness, Height, and Diameter.

NUTEK SYSTEMS, LTD.
2321 - 2322
2321 - 2322

ITEM: Female Elbow
ITEM REFERENCE: Female Elbow
DESCRIPTION OF PART: Female Elbow (Copper alloy with solder joint)
SAMPLE IDENTIFIED BY: The Holly Compression Fittings Department Ltd. (Holly, Kowloon, Hong Kong)

SCALE: 1:1
MATERIAL: BRASS (C63000)
FINISH: POLISHED
METHOD OF TESTS: BS864-2:1992
ISSUED BY: Holly
DATE: 12/10/2000

FIGURE NO. Female Elbow (C x F)

Technical drawing showing dimensions: Overall size, Thickness, Height, and Diameter.

NUTEK SYSTEMS, LTD.
2321 - 2322
2321 - 2322

ITEM: Equal Tee
ITEM REFERENCE: Equal Tee
DESCRIPTION OF PART: Equal Tee (Copper alloy with solder joint)
SAMPLE IDENTIFIED BY: The Holly Compression Fittings Department Ltd. (Holly, Kowloon, Hong Kong)

SCALE: 1:1
MATERIAL: BRASS (C63000)
FINISH: POLISHED
METHOD OF TESTS: BS864-2:1992
ISSUED BY: Holly
DATE: 12/10/2000

FIGURE NO. Equal Tee (C x C x C)

Technical drawing showing dimensions: Overall size, Thickness, Height, and Diameter.

NUTEK SYSTEMS, LTD.
2321 - 2322
2321 - 2322

ITEM: Reducing Tee
ITEM REFERENCE: Reducing Tee
DESCRIPTION OF PART: Reducing Tee (Copper alloy with solder joint)
SAMPLE IDENTIFIED BY: The Holly Compression Fittings Department Ltd. (Holly, Kowloon, Hong Kong)

SCALE: 1:1
MATERIAL: BRASS (C63000)
FINISH: POLISHED
METHOD OF TESTS: BS864-2:1992
ISSUED BY: Holly
DATE: 12/10/2000

FIGURE NO. Reducing Tee (C x C x C)

Technical drawing showing dimensions: Overall size, Thickness, Height, and Diameter.