

**EAGLE
BRAND**



EAGLE[®] COPPER END FEED CAPILLARY FITTINGS

TO EUROPEAN STANDARD BS EN 1254-1

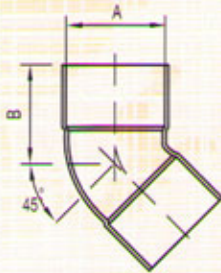
EAGLE[®] 銅焊配件

END FEED CAPILLARY FITTINGS



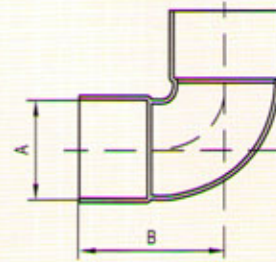
5041 45° Elbow C×C 45° 曲

Code No.	Nominal Size	A	B
5041-1	15mm	15	20.5
5041-2	22mm	22	27.5
5041-3	28mm	28	31.5
5041-4	35mm	35	38
5041-5	42mm	42	44
5041-6	54mm	54	51
5041-7	67mm	67	54.5
5041-8	76mm	76	56.5
5041-9	108mm	108	75.5
5041-10	159mm	159	77.5



5090 90° Elbow C×C 正曲

Code No.	Nominal Size	A	B
5090-1	15mm	15	22.5
5090-2	22mm	22	30.5
5090-3	28mm	28	36.5
5090-4	35mm	35	45.5
5090-5	42mm	42	53
5090-6	54mm	54	64
5090-7	67mm	67	73
5090-8	76mm	76	77.5
5090-9	108mm	108	101.5
5090-10	159mm	159	136



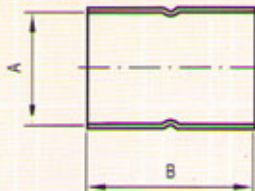
5130 Equal Tee C×C×C 正三叉

Code No.	Nominal Size	A	B	C
5130-1	15mm	15	18.5	37
5130-2	22mm	22	26.5	53
5130-3	28mm	28	32.5	65
5130-4	35mm	35	40.5	81
5130-5	42mm	42	48	96
5130-6	54mm	54	59	118
5130-7	67mm	67	67	134
5130-8	76mm	76	71.5	143
5130-9	108mm	108	101.5	203
5130-10	159mm	159	130	260



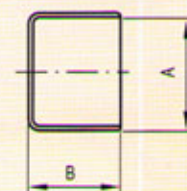
5270 Straight Coupling C×C 杰

Code No.	Nominal Size	A	B
5270-1	15mm	15	23.5
5270-2	22mm	22	33
5270-3	28mm	28	39
5270-4	35mm	35	49
5270-5	42mm	42	57
5270-6	54mm	54	67
5270-7	67mm	67	71
5270-8	76mm	76	71
5270-9	108mm	108	99
5270-10	159mm	159	106



5301 End Cap 喉口

Code No.	Nominal Size	A	B
5301-1	15mm	15	13
5301-2	22mm	22	17.5
5301-3	28mm	28	20.5
5301-4	35mm	35	26
5301-5	42mm	42	30
5301-6	54mm	54	35
5301-7	67mm	67	37.5
5301-8	76mm	76	37.5
5301-9	108mm	108	51.5
5301-10	159mm	159	56



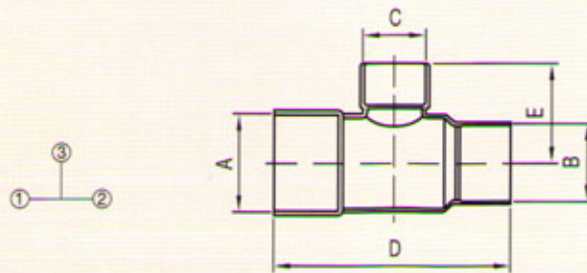
END FEED CAPILLARY FITTINGS



5130R Reducing Tee C×C×C 大小三叉

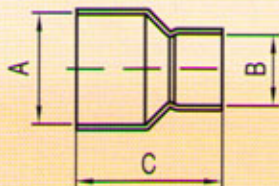
Code No.	Nominal Size	A	B	C	D	E
5130R-112	15×15×22mm	15	15	22	56	30
5130R-211	22×15×15mm	22	15	15	55	25
5130R-212	22×15×22mm	22	15	22	56.5	30
5130R-221	22×22×15mm	22	22	15	56	25
5130R-322	28×22×22mm	28	22	22	65	35
5130R-323	28×22×28mm	28	22	28	72.5	37.5
5130R-331	28×28×15mm	28	28	15	57	30.5
5130R-332	28×28×22mm	28	28	22	71	35.5
5130R-441	35×35×15mm	35	35	15	68	34
5130R-442	35×35×22mm	35	35	22	80	38
5130R-443	35×35×28mm	35	35	28	89	45
5130R-552	42×42×22mm	42	42	22	87	46.5
5130R-553	42×42×28mm	42	42	28	96	46.5
5130R-554	42×42×35mm	42	42	35	98	48.5
5130R-662	54×54×22mm	54	54	22	106	50

Code No.	Nominal Size	A	B	C	D	E
5130R-663	54×54×28mm	54	54	28	108	53
5130R-664	54×54×35mm	54	54	35	108	53
5130R-665	54×54×42mm	54	54	42	122	61
5130R-773	67×67×28mm	67	67	28	111	59
5130R-774	67×67×35mm	67	67	35	118	64
5130R-775	67×67×42mm	67	67	42	125	68
5130R-776	67×67×54mm	67	67	54	136	72
5130R-884	76×76×35mm	76	76	35	119	68
5130R-885	76×76×42mm	76	76	42	125	73
5130R-886	76×76×54mm	76	76	54	136	78
5130R-887	76×76×67mm	76	76	67	150	78.5
5130R-997	108×108×67mm	108	108	67	176	95
5130R-998	108×108×76mm	108	108	76	185	95
5130R-10109	159×159×108mm	159	159	108	218	132.5



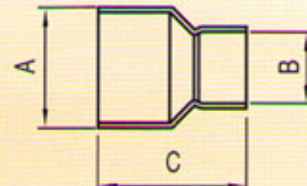
5240 Reducing Coupling C×C 刁士

Code No.	Nominal Size	A	B	C
5240-21	22×15mm	22	15	34
5240-31	28×15mm	28	15	42.5
5240-32	28×22mm	28	22	41
5240-41	35×15mm	35	15	53
5240-42	35×22mm	35	22	52
5240-43	35×28mm	35	28	50.5
5240-52	42×22mm	42	22	62.5
5240-53	42×28mm	42	28	60.5
5240-54	42×35mm	42	35	59
5240-63	54×28mm	54	28	76
5240-64	54×35mm	54	35	75.5
5240-65	54×42mm	54	42	73.5
5240-74	67×35mm	67	35	88
5240-75	67×42mm	67	42	87
5240-76	67×54mm	67	54	82.5
5240-84	76×35mm	76	35	96
5240-85	76×42mm	76	42	94
5240-86	76×54mm	76	54	88.5
5240-87	76×67mm	76	67	79
5240-95	108×42mm	108	42	135.5
5240-96	108×54mm	108	54	121
5240-97	108×67mm	108	67	120.5
5240-98	108×76mm	108	76	112.7
5240-108	159×76mm	159	76	155
5240-109	159×108mm	159	108	141.5



5243 Fitting Reducer Ftg×C 單刁士

Code No.	Nominal Size	A	B	C
5243-21	22×15mm	22	15	34
5243-31	28×15mm	28	15	42.5
5243-32	28×22mm	28	22	41
5243-41	35×15mm	35	15	53
5243-42	35×22mm	35	22	52
5243-43	35×28mm	35	28	50.5
5243-52	42×22mm	42	22	62.5
5243-53	42×28mm	42	28	60.5
5243-54	42×35mm	42	35	59
5243-63	54×28mm	54	28	76
5243-64	54×35mm	54	35	75.5
5243-65	54×42mm	54	42	73.5
5243-74	67×35mm	67	35	88
5243-75	67×42mm	67	42	87
5243-76	67×54mm	67	54	82.5
5243-84	76×35mm	76	35	96
5243-85	76×42mm	76	42	94
5243-86	76×54mm	76	54	88.5
5243-87	76×67mm	76	67	79
5243-95	108×42mm	108	42	135.5
5243-96	108×54mm	108	54	121
5243-97	108×67mm	108	67	120.5
5243-98	108×76mm	108	76	112.7
5243-108	159×76mm	159	76	155
5243-109	159×108mm	159	108	141.5



END FEED CAPILLARY FITTINGS

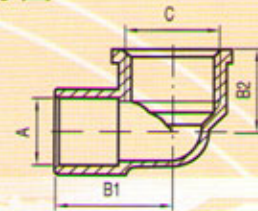


2322 Solder Flange PN16銅法蘭

Code No.	Nominal Size
2322-6	54mm
2322-7	67mm
2322-8	76mm
2322-9	108mm
2322-10	159mm

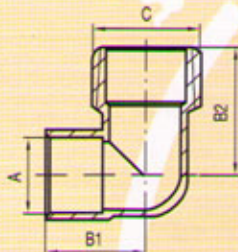
4090G 90° Elbow C×FI 內牙曲

Code No.	Nominal Size	A	B1	B2	C
4090G-1	15mm×1/2"	15	22.9	18	G1/2
4090G-2	22mm×3/4"	22	31	22.5	G3/4
4090G-3	28mm×1"	28	37.6	27.5	G1



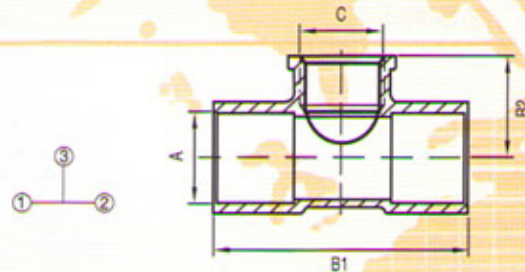
4092G 90° Elbow C×MI 外牙曲

Code No.	Nominal Size	A	B1	B2	C
4092G-1	15mm×1/2"	15	18.9	25.5	R1/2
4092G-12	15mm×3/4"	15	21.7	27.5	R3/4
4092G-2	22mm×3/4"	22	27.6	35	R3/4



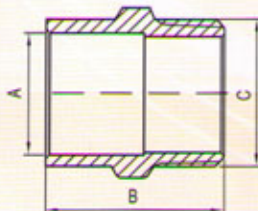
4130G Tee C×C×FI 中內牙叉

Code No.	Nominal Size	A	B1	B2	C
4130G-1	15mm×1/2"	15	44	21	G1/2
4130G-212	22mm×1/2"	22	54	24.5	G1/2
4130G-2	22mm×3/4"	22	68	26	G3/4



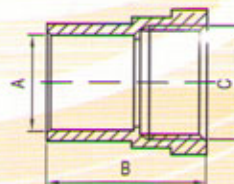
4243G Adaptor C×MI 外牙嘴

Code No.	Nominal Size	A	B	C
4243G-1	15mm×1/2"	15	24.5	R1/2
4243G-2	22mm×3/4"	22	28.5	R3/4
4243G-3	28mm×1"	28	36	R1
4243G-4	35mm×1.1/4"	35	42.5	R1.1/4
4243G-5	42mm×1.1/2"	42	48	R1.1/2
4243G-6	54mm×2"	54	59	R2
4243G-7	67mm×2.1/2"	66.7	67	R2.1/2
4243G-8	76mm×3"	76.1	72	R3
4243G-9	108mm×4"	108	89	R4



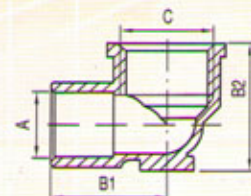
4270G Adaptor C×FI 內牙嘴

Code No.	Nominal Size	A	B	C
4270G-1	15mm×1/2"	15	28	G1/2
4270G-2	22mm×3/4"	22	32.5	G3/4
4270G-3	28mm×1"	28	38	G1
4270G-4	35mm×1.1/4"	35	44	G1.1/4
4270G-5	42mm×1.1/2"	42	49	G1.1/2
4270G-6	54mm×2"	54	59	G2
4270G-7	67mm×2.1/2"	67	64	G2.1/2
4270G-8	76mm×3"	76	72	G3
4270G-9	108mm×4"	108	90	G4



4472G Wall-Plate Elbow (2 Holes) C×FI 龍頭座

Code No.	Nominal Size	A	B1	B2	C
4472G-1	15mm×1/2"	15	22.9	28.4	G1/2
4472G-2	22mm×3/4"	22	31	36.8	G3/4



Technical Information



Standards

EAGLE fittings are manufactured under quality systems approved in accordance with ISO 9001. Dimensions of brass and bronze threaded fittings comply with EN10242, BS143 & 1256 or DIN2950. Copper & bronze capillary end feed fittings and solder ring fittings comply with EN1254-1 & 5. Brass compression fittings for copper and stainless steel pipe comply with EN1254-2 & 4.

Threaded Ends

Our threaded fittings standard comply with ISO 7 or DIN 2999 or BS21 and ISO 228-1 standards.

EAGLE Raw Materials

Fittings can be produced in

- | | |
|--------------------------------|---|
| • copper | (oxygen free, min.99.9% copper) |
| • common brass, standard brass | (contains approx.58% copper, BS CZ122 or CuZn40pb2) |
| • bronze | (BS 1400 LG1, LG2 or DIN 1705 RG5 or ISO 1338) |

Copper - the obvious choice for economy with outstanding performance

Copper has been in widespread used throughout the world for more than 1000 years. Their outstanding attributes, recognized by most of the international authorities, allow it to be used with portable hot and cold water, natural, town and LP gas, light oil and compressed air applications. Its offers a series of superior properties including:

- strong corrosion resistance giving long lifetime and reliable performance without failure
- high heat conductivity suitable for heat transfer process
- easy to manufacture and low production costs
- lightweight for easy of handling
- easy, safe and fast installation saving time and installation cost
- 99% recycling offering more environmental protection and lower the material cost
- high strength
- hygienic and nontoxic
- low flow resistance reducing energy losses on piping systems
- maintenance free product saving operating costs

Quality Control

Great attention and care are taken to measure, record and maintain specific tolerances in daily production. Using statistical process control and constant monitoring and calibration of out production equipment, total control at all stages is ensured. Final product inspection is undertaken prior to dispatch. Quality control system is accordance with ISO9002.

*SCE Co., Ltd. reserves the right to change design and material specifications without notice.

技 術 資 料

標準

EAGLE配件全部按照ISO 9001質量體系標準生產。黃銅和青銅的螺紋配件尺寸符合EN10242、BS143 & 1256 DIN2950標準。紫銅和青銅焊接配件符合EN1254-1&5標準。連接紫銅或不銹鋼管的黃銅卡套式配件符合EN1254-2&4標準。

螺紋

螺紋配件符合ISO7、DIN2999、BS21或ISO 228-1標準。

材質

配件材質分為以下幾種：

- | | |
|------------|---|
| *紫銅 | (無氧，含銅量為99.9%以上) |
| *普通黃銅，標準黃銅 | (含58%銅，BS CZ122或 CW617N) |
| *青銅 | (BS1400 LG1、LG2 或 DIN1705 RG5或 ISO1338) |

銅- 價錢經濟，功能卓越

銅被廣泛使用已經超過1000年，個中優點，被大部份國際認可機構肯定；適合應用於熱水及冷水，天然氣、煤氣及石油氣，油產品及空調等途徑。所有銅製產品，均具以下各項卓越表現：

- 抗腐蝕性強，非常耐用。
- 具有極佳耐熱性能，適合高溫操作程序。
- 生產程序簡單，成本相對廉宜。
- 輕便容易攜帶。
- 簡易、安全及快捷安裝，既能節省時間，又能降低安裝費用。
- 銅還有傑出的再生性能，可99.9%回收並不斷地循環使用，符合綠色環保要求及降低成本。
- 高強度。
- 不含有毒物質，符合衛生健康。
- 低流量調壓閥減少水流、水壓在喉管內損失。
- 銅制產品壽命極長，不需維修，減低成本。

品質控制

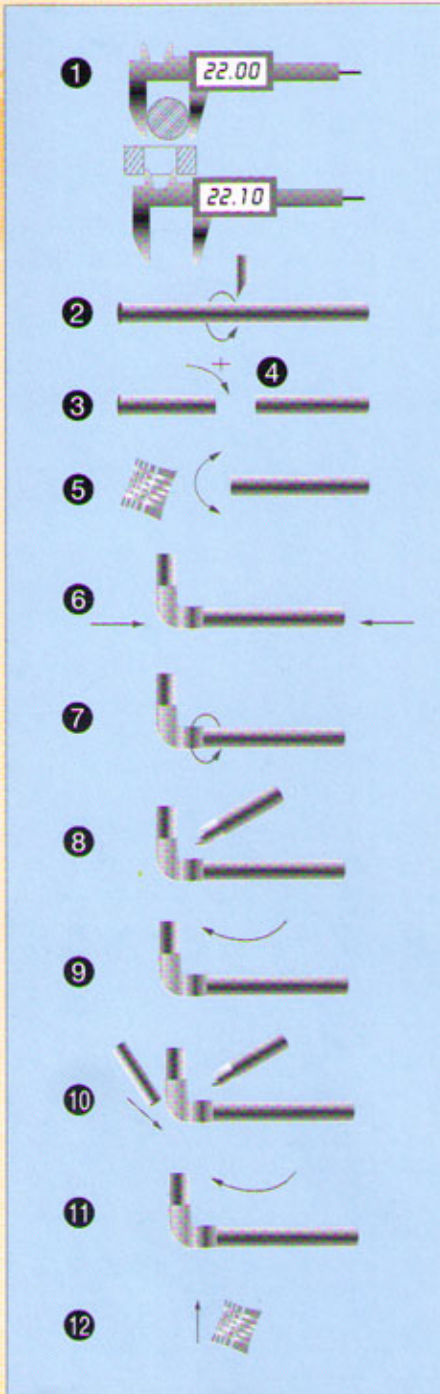
生產過程中，嚴格執行的量度、記錄以保持特定的規格。採用統計程序控制及不斷監察，包括非生產用的儀器亦納入測試範圍，務求所有生產流程得以全面控制。最後更需要通過ISO9002標準的品質檢定，再次確認產品品質達到標準，始可以出廠。

*華英倫有限公司保留更改產品設計、物料規格的權利，不另行通知。

Making a Joint / 安裝指示



Capillary brazing joints



- 1 Check the tube size and fitting.
- 2 Cut the tube with a tube cutter.
- 3 Remove any burrs from the tube.
- 4 Re-round the tube ends.
- 5 Clean the tube and fitting with a fine steel wool.
- 6 Apply a light film of flux to the end of the outside surface of tube to be soldered and to the inner surface of fitting.
- 7 Push the tube fully into the fitting until it reaches the tube stop.
- 8 Rotate the tube or fitting to spread the flux even.
- 9 Apply an even and moderate flame to the assembly using a low temperature blow lamp or equivalent until the solder starts to melt on contacting surface.
- 10 Gently feed the solder into the gap in the assembly until the metal appears around the outside of fitting. The required length of solder wire is about the same as the diameter of the fitting.
- 11 Keep the assembly in position and let the joint cool down naturally.
- 12 Remove excess solder with a small brush or a fine steel wool.

Caution

- * Do not apply excessive heat or solder.
- * Do not use solder brazing metal with a melting point exceeding 450°C

焊接方法

- 1 請檢查銅喉連接的配件的尺寸是否相符。
- 2 使用鋼鋸或旋轉式切管器可以容易的切割銅喉，沿垂直于軸線的方向切割銅喉以確保和接頭承口的良好接合，這樣便于焊接的滲入。
- 3 在裝配接頭前，請使用金屬鉸刮工具除去管道內壁和外壁的毛刺。
- 4 使用錐刀磨圓管道邊緣。
- 5 為了保證熔化的焊料具有良好的流動性，必須去除管道和配件接口處的灰塵、油脂及氧化膜。可用金鋼砂布/不銹鋼刷擦拭。
- 6 裝配連接時將銅喉插入配件承口。
- 7 旋轉銅喉或配件，配件接頭應該固定住，以便在焊接過程中保持穩定。
- 8 用火加熱承口基座並且均勻的加熱管子。
- 9 當被加熱區域逐漸變成暗粉紅色，在裝配接頭的肩部輕輕的加入焊料。
- 10 熔化了了的焊接合金會自動的通過毛細作用被吸入。
- 11 使連接件自然冷卻。
- 12 待冷卻後用小刷或用棉布清除接頭處的多餘焊劑。

注意：

- * 不要過度加熱。
- * 焊接時，請將溶化焊料的溫度控制在450°C以下

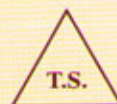


華英倫有限公司
SCE COMPANY LIMITED

香港新界荃灣青山道264-298號南豐中心807-809
Room 807-809, Nan Fung Centre, 264-298 Castle
Peak Road, Tsuen Wan, N.T., Hong Kong.
Telephone: (852) 2492-4125 (11 Lines)
Fax: (852) 2413-6130, 2493-4983
E-mail: scecoltd@scecoltd.com.hk
Website: <http://www.nbsce.com.hk>



ISO 9001:1994
Certification No. 28-02137



東成五金有限公司
TUNG SHING HARDWARE CO.,LTD.

香港九龍油塘四山街14號地庫
14 Sze Shan Street, Basement, Yau Tong Bay,
Kowloon, Hong Kong
Telephone: (852) 2775 9909
Fax: (852) 2340 0690