



# 卡片套接頭

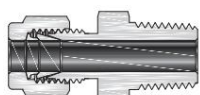
## 雙卡套接頭系列

# Contents



雙卡套陽螺紋直通

18



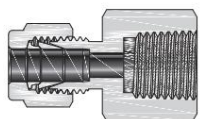
雙卡套熱鍍通直通

31



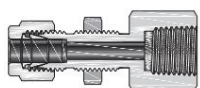
雙卡套穿板陽螺紋直通

33



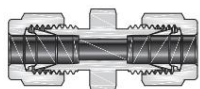
雙卡套陰螺紋直通

35



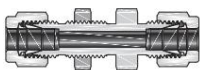
雙卡套穿板陰螺紋直通

40



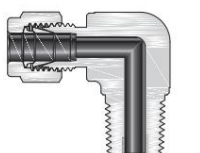
雙卡套直通

41



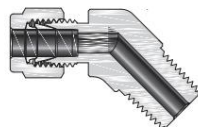
雙卡套穿板直通

44



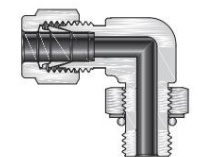
雙卡套陽螺紋彎頭

45



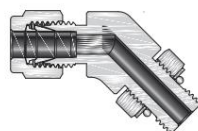
45°雙卡套陽螺紋彎頭

48



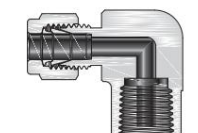
雙卡套可定位陽螺紋彎頭

49



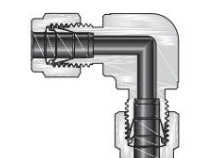
45°雙卡套可定位陽螺紋彎頭

51



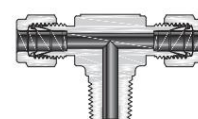
雙卡套陰螺紋彎頭

52



雙卡套彎頭

53



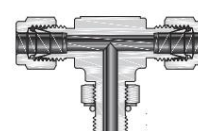
雙卡套支管陽螺紋三通

55



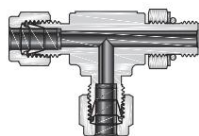
雙卡套主管陽螺紋三通

56



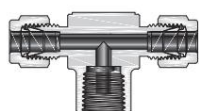
雙卡套可定位支管三通

57



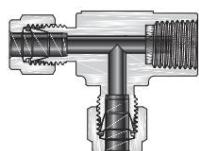
雙卡套可定位主管三通

57



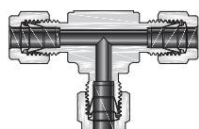
雙卡套支管陰螺紋三通

59



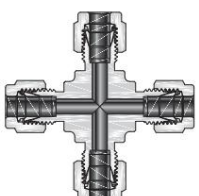
雙卡套主管陰螺紋三通

60



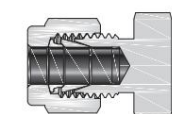
雙卡套三通

61



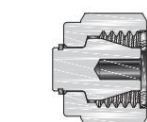
雙卡套四通

64



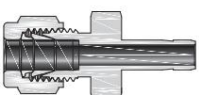
管帽

65



塞頭

65



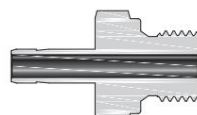
雙卡套-卡套管縮徑直通

66



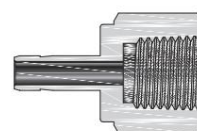
雙卡套孔口接頭

68



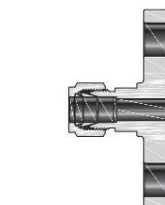
卡套管-陽螺紋直通

69



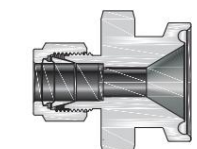
卡套管-陰螺紋直通

74



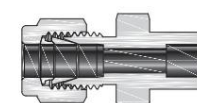
雙卡套法蘭接頭

77



雙卡套衛生法蘭接頭

78



雙卡套焊接直通

79



雙卡套焊接彎頭

80



螺帽

81

# Contents

|                                                                                     |          |                                                                                      |           |
|-------------------------------------------------------------------------------------|----------|--------------------------------------------------------------------------------------|-----------|
|    | 公螺帽      |   | BS墊片      |
| 82                                                                                  |          | 85                                                                                   |           |
|    | 前卡套      |   | BP墊片和BG墊片 |
| 82                                                                                  |          | 86                                                                                   |           |
|    | 後卡套      |   | O型圈       |
| 82                                                                                  |          | 87                                                                                   |           |
|  | 卡片套螺母組   |  | 穿板固定器     |
| 83                                                                                  |          | 88                                                                                   |           |
|  | 卡套組件     |                                                                                      |           |
| 83                                                                                  |          |                                                                                      |           |
|  | 軟塑膠卡套管插件 |                                                                                      |           |
| 84                                                                                  |          |                                                                                      |           |

## 特點

- 雙卡套接頭提供全金屬密封，無彈性密封元件，密封更可靠
- 種 Hikelok雙卡套接頭的強度高於適用的任何管子的強度，滿足行業標準，適用於各種標準的管子，尺寸從1/16 至2 in, 2 mm 至50 mm
- Hikelok 雙卡套接頭材質有不銹鋼、黃銅、碳鋼、鋁、鎳銅合金、哈氏合金、因科耐爾合金等
- 部 Hikelok 硬化處理的後卡套保證了密封的安全可靠，卡套螺母螺紋內部鍍銀處理防止咬合，多次拆裝
- 可靠的密封可應用於高壓、真空和振動場合

## 性能及測試

- 液壓密封測試（1.5 倍工作壓力）：無洩漏，重複安裝測試（10 次）：無洩漏
- 最大靜壓測試（4 倍工作壓力）：無洩漏
- 真空測試（ $1 \times 10^{-4}$  mbar 或更大）：洩漏率小於  $1 \times 10^{-8}$  mbar/s
- 氣體靜壓測試（1.5倍工作壓力的氮氣）：無氣泡
- 液壓振動與脈衝測試（脈衝頻率0.5Hz 至1.7Hz，熱循環測試（-55℃ 至125℃，振動頻率23Hz 至47Hz）：無洩漏
- 25°C 至+80°C 交變溫度）：無洩漏，氣動壓力振動測試（頻率45 Hz 循環20 × 106 次）：不失效，耐火測試（依據BS ISO 19921）：無洩漏
- 耐蝕測試（鹽霧試驗168 h）：無鏽斑
- 深水測試（等效於3048 公尺深的海水）：無洩漏

## 材料標準

| 材料         | 棒料①                                | 鍛件②                                |
|------------|------------------------------------|------------------------------------|
| 316 不銹鋼    | ASTM A276<br>ASME SA479, EN 1.4401 | ASTM A182<br>ASME SA182, EN 1.4401 |
| 合金20       | ASTM B473                          | ASTM B462                          |
| 合金400      | ASTM B164，<br>ASME SB164           | ASTM B564，<br>ASME SB564           |
| 合金600      | ASTM B166, ASME SB166              | ASTM B564, ASME SB564              |
| 合金625      | ASTM B446                          | ASTM B564, ASME SB564              |
| 合金825      | ASTM B425                          | ASTM B564, ASME SB564              |
| 合金C-276    | ASTM B574                          | ASTM B564                          |
| 鋁          | ASTM B211                          | ASTM B247                          |
| 黃銅         | ASTM B16, ASTM B453                | ASTM B283                          |
| 碳鋼③        | ASTM A108                          | —                                  |
| 雙相鋼2507    | ASTM A479                          | ASTM A182                          |
| 鈦(grade 4) | ASTM B348                          | ASTM B381                          |
| PFA        | —                                  | ASTM D3307 Type I                  |
| PTFE       | ASTM D1710                         | ASTM D3294                         |

① 直通接頭和卡套管轉換接頭② 彎頭、四通和三通③ 所有碳鋼Hikelok 卡套管接頭均配有316不銹鋼後卡套

螺紋標準

| 螺紋類型           | 相關標準                              |
|----------------|-----------------------------------|
| NPT            | ASME B1.20.1, SAE AS71051         |
| ISO 錐形螺紋(BSPT) | ISO 7-1, BS EN 10226-1, JIS B0203 |
| ISO 平行螺紋(BSPP) | ISO 228-1, JIS B0202              |
| 統一螺紋SAE        | ASME B1.1                         |
| 公制螺紋(M)        | ISO 261                           |

工作溫度額定值

| 材料         | 工作溫度範圍°F(°C)           |
|------------|------------------------|
| 316 不銹鋼    | -65 (-53) 至1000 (537)  |
| 黃銅         | -20 (-28) 至400 (204)   |
| 碳鋼         | -65 (-53) 至375 (190)   |
| BS墊片(FKM)  | -5 (-15) 至400 (204)    |
| BG、BP墊片(銅) | -325 (-198) 至400 (204) |
| O形圈(FKM)   | -20 (-28) 至400 (204)   |

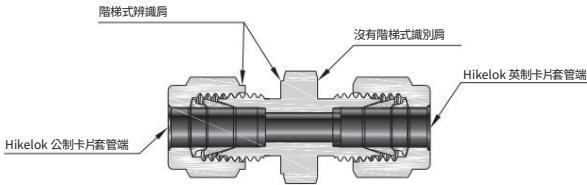
系統溫度可能受到螺紋密封劑或墊圈或O形環材質的限制。v

管螺紋密封

v 裝配錐形管螺紋時，必須使用螺紋密封劑或PTFE生料帶

公制Hikelok 卡套管接頭

v 公制卡套管接頭和英制卡套管接頭在外觀上相似。為了避免任何混淆和便於識別，公制卡套管接頭在本體的六角形部分和六角螺母上有一個階梯式識別肩。



Hikelok 卡套管接頭壓力額定值

v Hikelok 卡套管接頭端部的額定工作壓力滿足Hikelok 卡套管資料中所列的工作壓力

NPT/ISO錐形螺紋壓力額定值

v 壓力額定值依據ASME B31.3 製程管道，室溫

| NPT/ISO 錐形螺紋尺寸 | 316 不銹鋼和碳鋼 |     |      |     | 黃銅   |     |      |     |
|----------------|------------|-----|------|-----|------|-----|------|-----|
|                | 陽螺紋        |     | 陰螺紋  |     | 陽螺紋  |     | 陰螺紋  |     |
|                | psig       | bar | psig | bar | psig | bar | psig | bar |
| 1/16           | 11000      | 757 | 6700 | 461 | 5500 | 378 | 3300 | 227 |
| 1/8            | 10000      | 689 | 6500 | 447 | 5000 | 344 | 3200 | 220 |
| 1/4            | 8000       | 551 | 6600 | 454 | 4000 | 275 | 3300 | 227 |
| 3/8            | 7800       | 537 | 5300 | 365 | 3900 | 268 | 2600 | 179 |
| 1/2            | 7700       | 530 | 4900 | 337 | 3800 | 261 | 2400 | 165 |
| 3/4            | 7300       | 502 | 4600 | 316 | 3600 | 248 | 2300 | 158 |
| 1              | 5300       | 365 | 4400 | 303 | 2600 | 179 | 2200 | 151 |
| 1 1/4          | 6000       | 413 | 5000 | 344 | 3000 | 206 | 2500 | 172 |
| 1 1/2          | 5000       | 344 | 4600 | 316 | 2500 | 172 | 2300 | 158 |
| 2              | 3900       | 268 | 3900 | 268 | 1900 | 130 | 1900 | 130 |

壓力等級依據動力管道，乘以如下係數v ASME B31.1，碳鋼材料乘以0.85：

- 不銹鋼和黃銅材質等級保持不變
- 求MPa 時，將bar 乘以0.10 v

## SAE/MS螺紋壓力額定值

v壓力額定值基於SAE J1926-3, 室溫

| SAE/MS 螺紋尺寸 | 316不銹鋼和碳鋼 |     |          |     |
|-------------|-----------|-----|----------|-----|
|             | 非定位       |     | 可定位      |     |
|             | psig      | bar | psig bar |     |
| 5/16-24     | 5076      | 350 | 5076     | 350 |
| 7/16-20     |           |     | 4568     | 315 |
| 1/2-20      |           |     |          |     |
| 9/16-18     |           |     | 4061     | 280 |
| 3/4-16      | 4568      | 315 |          |     |
| 7/8-14      | 3625      | 250 | 3045     | 210 |
| 1 1/16-12   |           |     |          |     |
| 1 3/16-12   | 3045      | 210 | 2538     | 175 |
| 1 5/16-12   |           |     |          |     |
| 1 5/8-12    | 2538      | 175 | 2030     | 140 |
| 1 7/8-12    |           |     |          |     |
| 2 1/2-12    | 2030      | 140 | 1522     | 105 |

## ISO平行螺紋(BSP)壓力額定值

v壓力額定值基於ISO 1179-3, 室溫

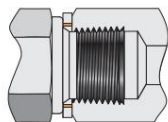
| ISO/BSP 陽螺紋尺寸 | 316不銹鋼和碳鋼 |     |      |     |
|---------------|-----------|-----|------|-----|
|               | 非定位       |     | 可定位  |     |
|               | psig      | bar | psig | bar |
| 1/8           | 4568      | 315 | 2900 | 200 |
| 1/4           | 4568      | 315 | 2900 | 200 |
| 3/8           | 4568      | 315 | 2900 | 200 |
| 1/2           | 3625      | 250 | 2900 | 200 |
| 3/4           | 3625      | 250 | 2900 | 200 |
| 1             | 3625      | 250 | 2900 | 200 |

## ISO平行螺紋(BSP)的密封型

### 1. BS密封: BS陽螺紋, BS墊片, BP陰螺紋

BS陽螺紋依據DIN 3852-2 type A v

BP陰螺紋依據EN 837-1/3 v

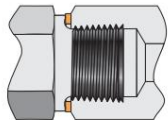


### 2 BP密封: BP陽螺紋, BP墊片, BP陰螺紋v.

BP陽螺紋依據DIN 3852-2 type B BP陰螺紋依據EN

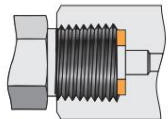
837-1/3 v

BP可用於BS陽螺紋v



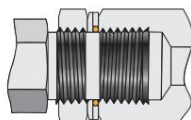
### 3 BG密封: BG陽螺紋, BG墊片, BP陰螺紋

v•BG陰螺紋依據EN 837-1/3

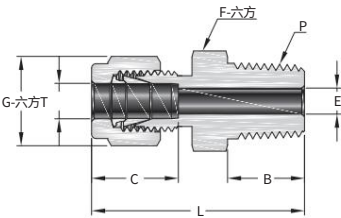


### 4. PPT密封: PPT陽螺紋, BP陰螺紋

vBP陰螺紋依據EN 837-1/3



雙卡套陽螺紋直通

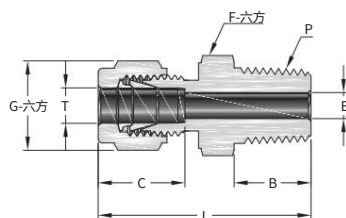


英制雙卡套陽螺紋直通

NPT 螺紋

| T-Tube 外<br>徑(in.) | P-NPT 尺<br>寸 | 基本訂購資訊        | 尺寸, mm |      |      |      |      |      |
|--------------------|--------------|---------------|--------|------|------|------|------|------|
|                    |              |               | L      | B    | C    | E    | G    | F    |
| 1/16               | 1/16         | F1-MC-NPT1-   | 23.9   | 9.7  | 8.6  | 1.3  | 7.9  | 7.9  |
| 1/16               | 1/8          | F1-MC-NPT2-   | 26.2   | 9.7  | 8.6  | 1.3  | 7.9  | 11.1 |
| 1/16               | 1/4          | F1-MC-NPT4-   | 31.0   | 14.2 | 8.6  | 1.3  | 7.9  | 14.3 |
| 1/8                | 1/16         | F2-MC-NPT1-   | 29.7   | 9.7  | 12.7 | 2.3  | 11.1 | 11.1 |
| 1/8                | 1/8          | F2-MC-NPT2-   | 30.5   | 9.7  | 12.7 | 2.3  | 11.1 | 11.1 |
| 1/8                | 1/4          | F2-MC-NPT4-   | 35.6   | 14.2 | 12.7 | 2.3  | 11.1 | 14.3 |
| 1/8                | 3/8          | F2-MC-NPT6-   | 35.8   | 14.2 | 12.7 | 2.3  | 11.1 | 17.5 |
| 1/8                | 1/2          | F2-MC-NPT8-   | 42.2   | 19.1 | 12.7 | 2.3  | 11.1 | 22.2 |
| 3/16               | 1/16         | F3-MC-NPT1-   | 31.2   | 9.7  | 13.7 | 2.3  | 12.7 | 11.1 |
| 3/16               | 1/8          | F3-MC-NPT2-   | 31.2   | 9.7  | 13.7 | 3.0  | 12.7 | 11.1 |
| 3/16               | 1/4          | F3-MC-NPT4-   | 36.3   | 14.2 | 13.7 | 3.0  | 12.7 | 14.3 |
| 1/4                | 1/16         | F4-MC-NPT1-   | 32.8   | 9.7  | 15.2 | 3.0  | 14.3 | 12.7 |
| 1/4                | 1/8          | F4-MC-NPT2-   | 32.8   | 9.7  | 15.2 | 4.8  | 14.3 | 12.7 |
| 1/4                | 1/4          | F4-MC-NPT4-   | 37.8   | 14.2 | 15.2 | 4.8  | 14.3 | 14.3 |
| 1/4                | 3/8          | F4-MC-NPT6-   | 38.4   | 14.2 | 15.2 | 4.8  | 14.3 | 17.5 |
| 1/4                | 1/2          | F4-MC-NPT8-   | 44.7   | 19.1 | 15.2 | 4.8  | 14.3 | 22.2 |
| 1/4                | 3/4          | F4-MC-NPT12-  | 46.2   | 19.1 | 15.2 | 4.8  | 14.3 | 27.0 |
| 5/16               | 1/8          | F5-MC-NPT2-   | 34.0   | 9.7  | 16.3 | 4.8  | 15.9 | 14.3 |
| 5/16               | 1/4          | F5-MC-NPT4-   | 38.6   | 9.7  | 16.3 | 6.4  | 15.9 | 14.3 |
| 5/16               | 3/8          | F5-MC-NPT6-   | 39.1   | 14.2 | 16.3 | 6.4  | 15.9 | 17.5 |
| 5/16               | 1/2          | F5-MC-NPT8-   | 45.5   | 19.1 | 16.3 | 6.4  | 15.9 | 22.2 |
| 3/8                | 1/8          | F6-MC-NPT2-   | 35.3   | 9.7  | 16.8 | 4.8  | 17.5 | 15.9 |
| 3/8                | 1/4          | F6-MC-NPT4-   | 39.9   | 14.2 | 16.8 | 7.1  | 17.5 | 15.9 |
| 3/8                | 3/8          | F6-MC-NPT6-   | 39.9   | 14.2 | 16.8 | 7.1  | 17.5 | 17.5 |
| 3/8                | 1/2          | F6-MC-NPT8-   | 46.2   | 19.1 | 16.8 | 7.1  | 17.5 | 22.2 |
| 3/8                | 3/4          | F6-MC-NPT12-  | 47.8   | 19.1 | 16.8 | 7.1  | 17.5 | 27.0 |
| 3/8                | 1            | F6-MC-NPT16-  | 54.6   | 23.9 | 16.8 | 7.1  | 17.5 | 34.9 |
| 1/2                | 1/8          | F8-MC-NPT2-   | 38.9   | 9.7  | 22.9 | 4.8  | 22.2 | 20.6 |
| 1/2                | 1/4          | F8-MC-NPT4-   | 43.4   | 14.2 | 22.9 | 7.1  | 22.2 | 20.6 |
| 1/2                | 3/8          | F8-MC-NPT6-   | 43.4   | 14.2 | 22.9 | 9.7  | 22.2 | 20.6 |
| 1/2                | 1/2          | F8-MC-NPT8-   | 49.0   | 19.1 | 22.9 | 10.4 | 22.2 | 22.2 |
| 1/2                | 3/4          | F8-MC-NPT12-  | 50.5   | 19.1 | 22.9 | 10.4 | 22.2 | 27.0 |
| 1/2                | 1            | F8-MC-NPT16-  | 57.2   | 23.9 | 22.9 | 10.4 | 22.2 | 34.9 |
| 5/8                | 1/4          | F10-MC-NPT4-  | 44.2   | 14.2 | 24.4 | 7.1  | 25.4 | 23.8 |
| 5/8                | 3/8          | F10-MC-NPT6-  | 44.2   | 14.2 | 24.4 | 9.7  | 25.4 | 23.8 |
| 5/8                | 1/2          | F10-MC-NPT8-  | 49.0   | 19.1 | 24.4 | 11.9 | 25.4 | 23.8 |
| 5/8                | 3/4          | F10-MC-NPT12- | 50.5   | 19.1 | 24.4 | 12.7 | 25.4 | 27.0 |
| 3/4                | 3/8          | F12 MC NPT6   | 45.7   | 14.2 | 24.4 | 10.4 | 28.6 | 27.0 |
| 3/4                | 1/2          | F12-MC-NPT8-  | 50.5   | 19.1 | 24.4 | 11.9 | 28.6 | 27.0 |
| 3/4                | 3/4          | F12-MC-NPT12- | 50.5   | 19.1 | 24.4 | 15.7 | 28.6 | 27.0 |
| 3/4                | 1            | F12-MC-NPT16- | 57.2   | 23.9 | 24.4 | 15.7 | 28.6 | 34.9 |
| 7/8                | 1/2          | F14-MC-NPT8-  | 50.5   | 19.1 | 25.9 | 11.9 | 31.8 | 30.2 |
| 7/8                | 3/4          | F14-MC-NPT12- | 50.5   | 19.1 | 25.9 | 15.7 | 31.8 | 30.2 |
| 7/8                | 1            | F14-MC-NPT16- | 57.2   | 23.9 | 25.9 | 18.3 | 31.8 | 34.9 |
| 1                  | 1/2          | F16-MC-NPT8-  | 57.4   | 19.1 | 31.2 | 11.9 | 38.1 | 34.9 |
| 1                  | 3/4          | F16-MC-NPT12- | 57.4   | 19.1 | 31.2 | 15.7 | 38.1 | 34.9 |
| 1                  | 1            | F16-MC-NPT16- | 62.2   | 23.9 | 31.2 | 22.4 | 38.1 | 34.9 |
| 1 1/8              | 1            | F18-MC-NPT16- | 62.2   | 23.9 | 31.2 | 22.4 | 46.0 | 41.3 |
| 1 1/4              | 1            | F20-MC-NPT16- | 77.2   | 23.9 | 41.1 | 22.4 | 47.6 | 44.5 |
| 1 1/4              | 1 1/4        | F20-MC-NPT20- | 77.2   | 23.9 | 41.1 | 27.7 | 47.6 | 44.5 |
| 1 1/2              | 1 1/2        | F24-MC-NPT24- | 88.9   | 26.2 | 50.0 | 34.0 | 57.2 | 54.0 |

雙卡套陽螺紋直通

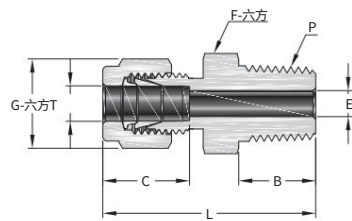


公制雙卡套陽螺紋直通

NPT 螺紋

| T-Tube 外<br>徑<br>(mm) | P-NPT<br>尺寸 | 基本訂購資訊        | 尺寸, mm |      |      |      |    |    |
|-----------------------|-------------|---------------|--------|------|------|------|----|----|
|                       |             |               | L      | B    | C    | E    | G  | F  |
| 2                     | 1/8         | M2-MC-NPT2-   | 30.5   | 9.7  | 12.9 | 1.7  | 12 | 12 |
| 3                     | 1/8         | M3-MC-NPT2-   | 30.5   | 9.7  | 12.9 | 2.4  | 12 | 12 |
| 3                     | 1/4         | M3-MC-NPT4-   | 35.6   | 14.2 | 12.9 | 2.4  | 12 | 14 |
| 4                     | 1/8         | M4-MC-NPT2-   | 31.2   | 9.7  | 13.7 | 2.4  | 12 | 12 |
| 4                     | 1/4         | M4-MC-NPT4-   | 36.3   | 14.2 | 13.7 | 2.4  | 12 | 14 |
| 6                     | 1/8         | M6-MC-NPT2-   | 32.8   | 9.7  | 15.3 | 4.8  | 14 | 14 |
| 6                     | 1/4         | M6-MC-NPT4-   | 37.9   | 14.2 | 15.3 | 4.8  | 14 | 14 |
| 6                     | 3/8         | M6-MC-NPT6-   | 38.4   | 14.2 | 15.3 | 4.8  | 14 | 18 |
| 6                     | 1/2         | M6-MC-NPT8-   | 44.7   | 19.1 | 15.3 | 4.8  | 14 | 22 |
| 8                     | 1/8         | M8-MC-NPT2-   | 34.2   | 9.7  | 16.2 | 4.8  | 16 | 15 |
| 8                     | 1/4         | M8-MC-NPT4-   | 38.7   | 14.2 | 16.2 | 6.4  | 16 | 15 |
| 8                     | 3/8         | M8-MC-NPT6-   | 39.3   | 14.2 | 16.2 | 6.4  | 16 | 18 |
| 8                     | 1/2         | M8-MC-NPT8-   | 45.6   | 19.1 | 16.2 | 6.4  | 16 | 22 |
| 10                    | 1/8         | M10-MC-NPT2-  | 36.3   | 9.7  | 17.2 | 4.8  | 19 | 18 |
| 10                    | 1/4         | M10-MC-NPT4-  | 40.9   | 14.2 | 17.2 | 7.1  | 19 | 18 |
| 10                    | 3/8         | M10-MC-NPT6-  | 40.9   | 14.2 | 17.2 | 7.9  | 19 | 18 |
| 10                    | 1/2         | M10-MC-NPT8-  | 46.5   | 19.1 | 17.2 | 7.9  | 19 | 22 |
| 10                    | 3/4         | M10-MC-NPT12- | 48.0   | 19.1 | 17.2 | 7.9  | 19 | 27 |
| 10                    | 1           | M10-MC-NPT16- | 54.6   | 23.9 | 17.2 | 7.9  | 19 | 35 |
| 12                    | 1/8         | M12-MC-NPT2-  | 38.8   | 9.7  | 22.8 | 4.8  | 22 | 22 |
| 12                    | 1/4         | M12-MC-NPT4-  | 43.4   | 14.2 | 22.8 | 7.1  | 22 | 22 |
| 12                    | 3/8         | M12-MC-NPT6-  | 43.4   | 14.2 | 22.8 | 9.5  | 22 | 22 |
| 12                    | 1/2         | M12-MC-NPT8-  | 49.0   | 19.1 | 22.8 | 9.5  | 22 | 22 |
| 12                    | 3/4         | M12-MC-NPT12- | 50.5   | 19.1 | 22.8 | 9.5  | 22 | 27 |
| 14                    | 1/8         | M14-MC-NPT2-  | 38.8   | 9.7  | 24.4 | 4.8  | 25 | 24 |
| 14                    | 1/4         | M14-MC-NPT4-  | 44.1   | 14.2 | 24.4 | 7.1  | 25 | 24 |
| 14                    | 3/8         | M14-MC-NPT6-  | 44.1   | 14.2 | 24.4 | 9.5  | 25 | 24 |
| 14                    | 1/2         | M14-MC-NPT8-  | 49.0   | 19.1 | 24.4 | 11.1 | 25 | 24 |
| 14                    | 3/4         | M14-MC-NPT12- | 50.5   | 19.1 | 24.4 | 11.1 | 25 | 27 |
| 15                    | 1/2         | M15-MC-NPT8-  | 49.0   | 19.1 | 24.4 | 11.9 | 25 | 24 |
| 15                    | 3/4         | M15-MC-NPT12- | 50.5   | 19.1 | 24.4 | 11.9 | 25 | 27 |
| 15                    | 1           | M15-MC-NPT16- | 57.1   | 23.9 | 24.4 | 11.9 | 25 | 35 |
| 16                    | 1/4         | M16-MC-NPT4-  | 44.1   | 14.2 | 24.4 | 7.1  | 25 | 24 |
| 16                    | 3/8         | M16-MC-NPT6-  | 44.1   | 14.2 | 24.4 | 9.5  | 25 | 24 |
| 16                    | 1/2         | M16-MC-NPT8-  | 49.0   | 19.1 | 24.4 | 11.9 | 25 | 24 |
| 16                    | 3/4         | M16-MC-NPT12- | 50.5   | 19.1 | 24.4 | 12.7 | 25 | 27 |
| 18                    | 3/8         | M18-MC-NPT6-  | 45.6   | 14.2 | 24.4 | 9.5  | 30 | 27 |
| 18                    | 1/2         | M18-MC-NPT8-  | 50.5   | 19.1 | 24.4 | 11.9 | 30 | 27 |
| 18                    | 3/4         | M18-MC-NPT12- | 50.5   | 19.1 | 24.4 | 15.1 | 30 | 27 |
| 20                    | 1/2         | M20-MC-NPT8-  | 52.3   | 19.1 | 26.0 | 11.9 | 32 | 30 |
| 20                    | 3/4         | M20-MC-NPT12- | 52.3   | 19.1 | 26.0 | 15.9 | 32 | 30 |
| 20                    | 1           | M20-MC-NPT16- | 57.1   | 23.9 | 26.0 | 15.9 | 32 | 35 |
| 22                    | 1/2         | M22-MC-NPT8-  | 52.3   | 19.1 | 26.0 | 11.9 | 32 | 30 |
| 22                    | 3/4         | M22-MC-NPT12- | 52.3   | 19.1 | 26.0 | 15.9 | 32 | 30 |
| 22                    | 1           | M22-MC-NPT16- | 57.1   | 23.9 | 26.0 | 18.3 | 32 | 35 |
| 25                    | 1/2         | M25-MC-NPT8-  | 57.5   | 19.1 | 31.3 | 11.9 | 38 | 35 |
| 25                    | 3/4         | M25-MC-NPT12- | 57.5   | 19.1 | 31.3 | 15.9 | 38 | 35 |
| 25                    | 1           | M25-MC-NPT16- | 62.3   | 23.9 | 31.3 | 21.8 | 38 | 35 |
| 28                    | 1           | M28-MC-NPT16- | 72.4   | 23.9 | 36.6 | 21.8 | 46 | 41 |
| 28                    | 1 1/4       | M28-MC-NPT20- | 73.1   | 23.9 | 36.6 | 21.8 | 46 | 46 |
| 30                    | 1 1/4       | M30-MC-NPT20- | 77.2   | 23.9 | 39.6 | 26.2 | 50 | 46 |
| 32                    | 1 1/4       | M32-MC-NPT20- | 79.6   | 23.9 | 42.0 | 28.6 | 50 | 46 |
| 38                    | 1 1/2       | M38-MC-NPT24- | 91.6   | 26.2 | 49.4 | 33.7 | 60 | 55 |

雙卡套陽螺紋直通

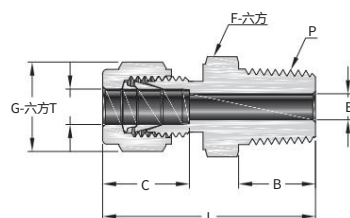


英制雙卡套陽螺紋直通

ISO錐形螺紋(BSPT)

| T-Tube 外徑(in.) | P-BSPT 尺寸 | 基本訂購資訊        | 尺寸, mm |      |      |      |      |      |
|----------------|-----------|---------------|--------|------|------|------|------|------|
|                |           |               | L      | B    | C    | E    | G    | F    |
| 1/8            | 1/8       | F2-MC-MBT2-   | 30.5   | 9.7  | 12.7 | 2.3  | 11.1 | 11.1 |
| 1/8            | 1/4       | F2-MC-MBT4-   | 35.6   | 14.2 | 12.7 | 2.3  | 11.1 | 14.3 |
| 1/4            | 1/8       | F4-MC-MBT2-   | 32.8   | 9.7  | 15.2 | 4.8  | 14.3 | 12.7 |
| 1/4            | 1/4       | F4-MC-MBT4-   | 37.8   | 14.2 | 15.2 | 4.8  | 14.3 | 14.3 |
| 1/4            | 3/8       | F4-MC-MBT6-   | 38.4   | 14.2 | 15.2 | 4.8  | 14.3 | 17.5 |
| 1/4            | 1/2       | F4-MC-MBT8-   | 44.7   | 19.1 | 15.2 | 4.8  | 14.3 | 22.2 |
| 5/16           | 1/8       | F5-MC-MBT2-   | 34.0   | 9.7  | 16.3 | 4.8  | 15.9 | 14.3 |
| 5/16           | 1/4       | F5-MC-MBT4-   | 38.6   | 9.7  | 16.3 | 6.4  | 15.9 | 14.3 |
| 3/8            | 1/8       | F6-MC-MBT2-   | 35.3   | 9.7  | 16.8 | 4.8  | 17.5 | 15.9 |
| 3/8            | 1/4       | F6-MC-MBT4-   | 39.9   | 14.2 | 16.8 | 7.1  | 17.5 | 15.9 |
| 3/8            | 3/8       | F6-MC-MBT6-   | 39.9   | 14.2 | 16.8 | 7.1  | 17.5 | 17.5 |
| 3/8            | 1/2       | F6-MC-MBT8-   | 46.2   | 19.1 | 16.8 | 7.1  | 17.5 | 22.2 |
| 3/8            | 3/4       | F6-MC-MBT12-  | 47.8   | 19.1 | 16.8 | 7.1  | 17.5 | 27.0 |
| 1/2            | 1/4       | F8-MC-MBT4-   | 43.4   | 14.2 | 22.9 | 7.1  | 22.2 | 20.6 |
| 1/2            | 3/8       | F8-MC-MBT6-   | 43.4   | 14.2 | 22.9 | 9.7  | 22.2 | 20.6 |
| 1/2            | 1/2       | F8-MC-MBT8-   | 49.0   | 19.1 | 22.9 | 10.4 | 22.2 | 22.2 |
| 1/2            | 3/4       | F8-MC-MBT12-  | 50.5   | 19.1 | 22.9 | 10.4 | 22.2 | 27.0 |
| 5/8            | 1/2       | F10-MC-MBT8-  | 49.0   | 19.1 | 24.4 | 11.9 | 25.4 | 23.8 |
| 3/4            | 3/4       | F12-MC-MBT12- | 50.5   | 19.1 | 24.4 | 15.7 | 28.6 | 27.0 |
| 3/4            | 1         | F12-MC-MBT16- | 57.2   | 23.9 | 24.4 | 15.7 | 28.6 | 34.9 |
| 1              | 3/4       | F16-MC-MBT12- | 57.4   | 19.1 | 31.2 | 15.7 | 38.1 | 34.9 |
| 1              | 1         | F16-MC-MBT16- | 62.2   | 23.9 | 31.2 | 22.4 | 38.1 | 34.9 |

## 雙卡套陽螺紋直通

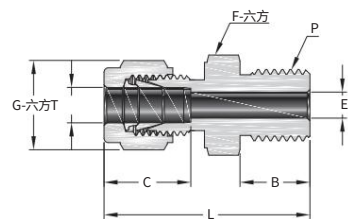
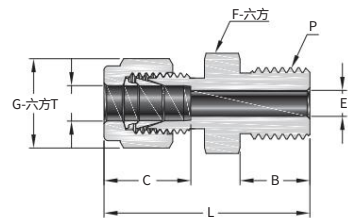


公制雙卡套陽螺紋直通

ISO錐形螺紋(BSPT)

| T-Tube 外徑 (mm) | P-BSPT 尺寸 | 基本訂購資訊        | 尺寸, mm |      |      |      |    |    |
|----------------|-----------|---------------|--------|------|------|------|----|----|
|                |           |               | L      | B    | C    | E    | G  | F  |
| 2              | 1/8       | M2-MC-MBT2-   | 30.5   | 9.7  | 12.9 | 1.7  | 12 | 12 |
| 3              | 1/8       | M3-MC-MBT2-   | 30.5   | 9.7  | 12.9 | 2.4  | 12 | 12 |
| 3              | 1/4       | M3-MC-MBT4-   | 35.6   | 14.2 | 12.9 | 2.4  | 12 | 14 |
| 4              | 1/8       | M4-MC-MBT2-   | 31.2   | 9.7  | 13.7 | 2.4  | 12 | 12 |
| 4              | 1/4       | M4-MC-MBT4-   | 36.3   | 14.2 | 13.7 | 2.4  | 12 | 14 |
| 6              | 1/8       | M6-MC-MBT2-   | 32.8   | 9.7  | 15.3 | 4.8  | 14 | 14 |
| 6              | 1/4       | M6-MC-MBT4-   | 37.9   | 14.2 | 15.3 | 4.8  | 14 | 14 |
| 6              | 3/8       | M6-MC-MBT6-   | 38.4   | 14.2 | 15.3 | 4.8  | 14 | 18 |
| 6              | 1/2       | M6-MC-MBT8-   | 44.7   | 19.1 | 15.3 | 4.8  | 14 | 22 |
| 8              | 1/8       | M8-MC-MBT2-   | 34.2   | 9.7  | 16.2 | 4.8  | 16 | 15 |
| 8              | 1/4       | M8-MC-MBT4-   | 38.7   | 14.2 | 16.2 | 6.4  | 16 | 15 |
| 8              | 3/8       | M8-MC-MBT6-   | 39.2   | 14.2 | 16.2 | 6.4  | 16 | 18 |
| 8              | 1/2       | M8-MC-MBT8-   | 45.6   | 19.1 | 16.2 | 6.4  | 16 | 22 |
| 10             | 1/8       | M10-MC-MBT2-  | 36.3   | 9.7  | 17.2 | 4.8  | 19 | 18 |
| 10             | 1/4       | M10-MC-MBT4-  | 40.9   | 14.2 | 17.2 | 7.1  | 19 | 18 |
| 10             | 3/8       | M10-MC-MBT6-  | 40.9   | 14.2 | 17.2 | 7.9  | 19 | 18 |
| 10             | 1/2       | M10-MC-MBT8-  | 46.5   | 19.1 | 17.2 | 7.9  | 19 | 22 |
| 10             | 3/4       | M10-MC-MBT12- | 48.0   | 19.1 | 17.2 | 7.9  | 19 | 27 |
| 12             | 1/8       | M12-MC-MBT2-  | 38.3   | 9.7  | 22.8 | 4.8  | 22 | 22 |
| 12             | 1/4       | M12-MC-MBT4-  | 43.4   | 14.2 | 22.8 | 7.1  | 22 | 22 |
| 12             | 3/8       | M12-MC-MBT6-  | 43.4   | 14.2 | 22.8 | 9.5  | 22 | 22 |
| 12             | 1/2       | M12-MC-MBT8-  | 49.0   | 19.1 | 22.8 | 9.5  | 22 | 22 |
| 12             | 3/4       | M12-MC-MBT12- | 50.5   | 19.1 | 22.8 | 9.5  | 22 | 27 |
| 14             | 1/8       | M14-MC-MBT2-  | 38.8   | 9.7  | 24.4 | 4.8  | 25 | 24 |
| 14             | 1/4       | M14-MC-MBT4-  | 44.1   | 14.2 | 24.4 | 7.1  | 25 | 24 |
| 14             | 3/8       | M14-MC-MBT6-  | 44.1   | 14.2 | 24.4 | 7.9  | 25 | 24 |
| 14             | 1/2       | M14-MC-MBT8-  | 49.0   | 19.1 | 24.4 | 11.1 | 25 | 24 |
| 14             | 3/4       | M14-MC-MBT12- | 50.5   | 19.1 | 24.4 | 11.1 | 25 | 27 |
| 15             | 1/2       | M15-MC-MBT8-  | 49.0   | 19.1 | 24.4 | 11.9 | 25 | 24 |
| 16             | 1/4       | M16-MC-MBT4-  | 44.1   | 14.2 | 24.4 | 7.1  | 25 | 24 |
| 16             | 3/8       | M16-MC-MBT6-  | 44.1   | 14.2 | 24.4 | 9.5  | 25 | 24 |
| 16             | 1/2       | M16-MC-MBT8-  | 49.0   | 19.1 | 24.4 | 11.9 | 25 | 24 |
| 16             | 3/4       | M16-MC-MBT12- | 50.5   | 19.1 | 24.4 | 12.7 | 25 | 27 |
| 18             | 1/2       | M18-MC-MBT8-  | 50.5   | 19.1 | 24.4 | 11.9 | 30 | 27 |
| 18             | 3/4       | M18-MC-MBT12- | 50.5   | 19.1 | 24.4 | 15.1 | 30 | 27 |
| 20             | 1/2       | M20-MC-MBT8-  | 52.3   | 19.1 | 26.0 | 11.9 | 32 | 30 |
| 20             | 3/4       | M20-MC-MBT12- | 52.3   | 19.1 | 26.0 | 15.9 | 32 | 30 |
| 22             | 3/4       | M22-MC-MBT12- | 52.3   | 19.1 | 26.0 | 15.9 | 32 | 30 |
| 22             | 1         | M22-MC-MBT16- | 57.1   | 23.9 | 26.0 | 18.3 | 32 | 35 |
| 25             | 1/2       | M25-MC-MBT8-  | 57.5   | 19.1 | 31.3 | 11.9 | 38 | 35 |
| 25             | 3/4       | M25-MC-MBT12- | 57.5   | 19.1 | 31.3 | 15.9 | 38 | 35 |
| 25             | 1         | M25-MC-MBT16- | 62.3   | 23.9 | 31.3 | 21.8 | 38 | 35 |
| 28             | 1         | M28-MC-MBT16- | 72.4   | 23.9 | 36.6 | 21.8 | 46 | 41 |
| 28             | 1 1/4     | M28-MC-MBT20- | 73.1   | 23.9 | 36.6 | 21.8 | 46 | 46 |
| 30             | 1 1/4     | M30-MC-MBT20- | 77.2   | 23.9 | 39.6 | 26.2 | 50 | 46 |
| 32             | 1 1/4     | M32-MC-MBT20- | 79.6   | 23.9 | 42.0 | 28.6 | 50 | 46 |
| 38             | 1 1/2     | M38-MC-MBT24- | 91.6   | 26.2 | 49.4 | 33.7 | 60 | 55 |

雙卡套陽螺紋直通



英制雙卡套陽螺紋直通

ISO平行螺紋(BG)

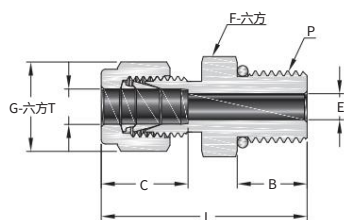
| T-Tube 外<br>徑(in.) | P-BG<br>尺寸 | 基本訂購資訊      | 尺寸, mm |      |      |     |      |      |
|--------------------|------------|-------------|--------|------|------|-----|------|------|
|                    |            |             | L      | B    | C    | E   | G    | F    |
| 1/4                | 3/8        | F4-MC-MBP6- | 38.4   | 14.2 | 15.2 | 4.8 | 14.3 | 17.5 |
| 3/8                | 3/8        | F6-MC-MBP6- | 39.9   | 14.2 | 16.8 | 7.1 | 17.5 | 17.5 |

公制雙卡套陽螺紋直通

ISO平行螺紋(BG)

| T-Tube 外<br>徑<br>(mm) | P-BG<br>尺寸 | 基本訂購資訊       | 尺寸, mm |      |      |     |    |    |
|-----------------------|------------|--------------|--------|------|------|-----|----|----|
|                       |            |              | L      | B    | C    | E   | G  | F  |
| 6                     | 1/4        | M6-MC-MBP4-  | 36.9   | 12.9 | 15.3 | 4.8 | 14 | 14 |
| 6                     | 3/8        | M6-MC-MBP6-  | 39.5   | 14.2 | 15.3 | 4.8 | 14 | 18 |
| 8                     | 1/8        | M8-MC-MBP2-  | 33.9   | 9.8  | 16.2 | 4.0 | 16 | 14 |
| 8                     | 1/4        | M8-MC-MBP4-  | 37.0   | 12.9 | 16.2 | 6.4 | 16 | 14 |
| 8                     | 3/8        | M8-MC-MBP6-  | 39.3   | 14.2 | 16.2 | 6.4 | 16 | 18 |
| 8                     | 1/2        | M8-MC-MBP8-  | 45.4   | 18.8 | 16.2 | 6.4 | 16 | 22 |
| 10                    | 1/4        | M10-MC-MBP4- | 39.5   | 12.9 | 17.2 | 5.9 | 19 | 18 |
| 10                    | 1/2        | M10-MC-MBP8- | 46.3   | 18.8 | 17.2 | 7.9 | 19 | 22 |
| 12                    | 3/8        | M12-MC-MBP6- | 44.2   | 14.2 | 22.8 | 7.9 | 22 | 22 |
| 12                    | 1/2        | M12-MC-MBP8- | 49.0   | 18.8 | 22.8 | 9.5 | 22 | 22 |
| 14                    | 1/4        | M14-MC-MBP4- | 42.9   | 12.9 | 24.4 | 5.9 | 25 | 24 |
| 16                    | 3/8        | M16-MC-MBP6- | 43.4   | 14.2 | 24.4 | 7.9 | 25 | 24 |
| 16                    | 1/2        | M16-MC-MBP8- | 47.9   | 18.8 | 24.4 | 9.5 | 25 | 24 |
| 18                    | 1/2        | M18-MC-MBP8- | 49.8   | 18.8 | 24.4 | 9.5 | 30 | 27 |

## 雙卡套陽螺紋直通

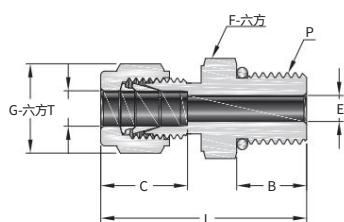


適用於SAE J1926-1、ISO 11926-1 和MS 16142 的直螺紋凸台

英制雙卡套陽螺紋直通

SAE/MS直螺紋

| T-Tube 外徑(in.) | P-SAE/MS 螺紋尺寸 | 基本訂購資訊        | 尺寸, mm |      |      |      |      |      |
|----------------|---------------|---------------|--------|------|------|------|------|------|
|                |               |               | L      | B    | C    | E    | G    | F    |
| 1/16           | 5/16-24       | F1-MC-OST5-   | 23.4   | 7.6  | 8.6  | 1.3  | 7.9  | 11.1 |
| 1/8            | 5/16-24       | F2-MC-OST5-   | 30.0   | 7.6  | 12.7 | 2.3  | 11.1 | 11.1 |
| 1/8            | 7/16-20       | F2-MC-OST7-   | 31.5   | 9.1  | 12.7 | 2.3  | 11.1 | 14.3 |
| 1/8            | 9/16-18       | F2-MC-OST9-   | 33.3   | 9.9  | 12.7 | 2.3  | 11.1 | 17.5 |
| 3/16           | 3/8-24        | F3-MC-OST6-   | 30.5   | 7.6  | 13.7 | 3.0  | 12.7 | 12.7 |
| 1/4            | 5/16-24       | F4-MC-OST5-   | 32.3   | 7.6  | 15.2 | 2.3  | 14.3 | 12.7 |
| 1/4            | 7/16-20       | F4-MC-OST7-   | 34.0   | 9.1  | 15.2 | 4.8  | 14.3 | 14.3 |
| 1/4            | 9/16-18       | F4-MC-OST9-   | 35.6   | 9.9  | 15.2 | 4.8  | 14.3 | 17.5 |
| 1/4            | 3/4-16        | F4-MC-OST12-  | 37.6   | 11.2 | 15.2 | 4.8  | 14.3 | 22.2 |
| 1/4            | 7/8-14        | F4-MC-OST14-  | 40.6   | 12.7 | 15.2 | 4.8  | 15.9 | 25.4 |
| 5/16           | 1/2-20        | F5-MC-OST8-   | 34.8   | 9.1  | 16.3 | 6.4  | 17.5 | 15.9 |
| 3/8            | 7/16-20       | F6-MC-OST7-   | 35.6   | 9.1  | 16.8 | 5.1  | 17.5 | 15.9 |
| 3/8            | 9/16-18       | F6-MC-OST9-   | 37.1   | 9.9  | 16.8 | 7.1  | 17.5 | 17.5 |
| 3/8            | 3/4-16        | F6-MC-OST12-  | 39.1   | 11.2 | 16.8 | 7.1  | 17.5 | 22.2 |
| 3/8            | 7/8-14        | F6-MC-OST14-  | 42.2   | 12.7 | 22.9 | 7.1  | 17.5 | 25.4 |
| 1/2            | 9/16-18       | F8-MC-OST9-   | 39.1   | 9.9  | 22.9 | 7.1  | 22.2 | 20.6 |
| 1/2            | 3/4-16        | F8-MC-OST12-  | 41.9   | 11.2 | 22.9 | 10.4 | 22.2 | 22.2 |
| 1/2            | 7/8-14        | F8-MC-OST14-  | 45.0   | 12.7 | 22.9 | 10.4 | 22.2 | 25.4 |
| 1/2            | 1 1/16-12     | F8-MC-OST17-  | 49.0   | 15.0 | 22.9 | 10.4 | 22.2 | 31.8 |
| 5/8            | 3/4-16        | F10-MC-OST12- | 41.9   | 11.2 | 24.4 | 10.7 | 25.4 | 23.8 |
| 5/8            | 7/8-14        | F10-MC-OST14- | 45.2   | 12.7 | 24.4 | 12.7 | 25.4 | 25.4 |
| 3/4            | 3/4-16        | F12-MC-OST12- | 46.0   | 11.2 | 24.4 | 10.7 | 28.6 | 27.0 |
| 3/4            | 1 1/16-12     | F12-MC-OST17- | 49.0   | 15.0 | 24.4 | 15.7 | 28.6 | 31.8 |
| 3/4            | 1 5/16-12     | F12-MC-OST21- | 49.8   | 15.0 | 24.4 | 16.0 | 28.6 | 38.1 |
| 7/8            | 1 3/16-12     | F14-MC-OST19- | 49.0   | 15.0 | 25.9 | 18.3 | 31.8 | 34.9 |
| 1              | 1 1/16-12     | F16-MC-OST17- | 53.3   | 15.0 | 31.2 | 16.8 | 38.1 | 34.9 |
| 1              | 1 5/16-12     | F16-MC-OST21- | 54.4   | 15.0 | 31.2 | 22.4 | 38.1 | 38.1 |
| 1 1/4          | 1 5/8-12      | F20-MC-OST26- | 68.3   | 15.0 | 41.1 | 27.7 | 47.6 | 47.6 |
| 1 1/2          | 1 7/8-12      | F24-MC-OST30- | 77.7   | 15.0 | 50.0 | 34.0 | 57.2 | 54.0 |



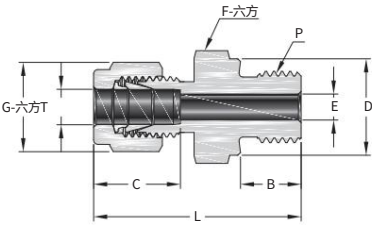
適用於SAE J1926-1、ISO 11926-1 和MS 16142 的直螺紋凸台

公制雙卡套陽螺紋直通

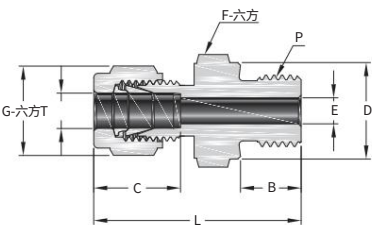
SAE/MS直螺紋

| T-Tube 外徑(mm) | P-SAE/MS 螺紋尺寸 | 基本訂購資訊        | 尺寸, mm |      |      |     |    |    |
|---------------|---------------|---------------|--------|------|------|-----|----|----|
|               |               |               | L      | B    | C    | E   | G  | F  |
| 6             | 9/16-18       | M6-MC-OST9-   | 35.6   | 9.9  | 15.3 | 4.8 | 14 | 18 |
| 10            | 9/16-18       | M10-MC-OST9-  | 37.3   | 9.9  | 17.2 | 7.1 | 19 | 22 |
| 10            | 3/4-16        | M10-MC-OST12- | 39.4   | 11.2 | 17.2 | 7.9 | 19 | 22 |
| 12            | 7/16-20       | M12-MC-OST7-  | 40.6   | 9.1  | 22.8 | 5.2 | 22 | 22 |
| 12            | 9/16-18       | M12-MC-OST9-  | 39.9   | 9.9  | 22.8 | 7.1 | 22 | 22 |

雙卡套陽螺紋直通



雙卡套陽螺紋直通



英制雙卡套陽螺紋直通

ISO平行螺紋(BP)

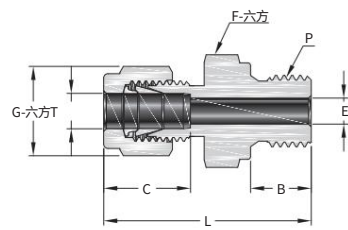
| T-Tube 外徑(in.) | P-BP 尺寸 | 基本訂購資訊         | 尺寸, mm |      |      |      |      |      |      |
|----------------|---------|----------------|--------|------|------|------|------|------|------|
|                |         |                | L      | B    | C    | E    | G    | F    | D    |
| 1/8            | 1/8     | F2-MC-PMBP2-   | 30.0   | 7.1  | 12.7 | 2.3  | 11.1 | 14.3 | 13.7 |
| 1/8            | 1/4     | F2-MC-PMBP4-   | 35.3   | 11.2 | 12.7 | 2.3  | 11.1 | 19.1 | 18.0 |
| 1/4            | 1/8     | F4-MC-PMBP2-   | 32.3   | 7.1  | 15.2 | 4.1  | 14.3 | 14.3 | 13.8 |
| 1/4            | 1/4     | F4-MC-PMBP4-   | 37.6   | 11.2 | 15.2 | 4.8  | 14.3 | 19.1 | 18.0 |
| 1/2            | 3/8     | F8-MC-PMBP6-   | 40.4   | 11.2 | 22.9 | 7.9  | 22.2 | 22.2 | 21.8 |
| 1/2            | 1/2     | F8-MC-PMBP8-   | 49.0   | 14.2 | 22.9 | 10.4 | 22.2 | 27.0 | 25.9 |
| 3/4            | 1/2     | F12-MC-PMBP8-  | 49.0   | 14.2 | 24.4 | 11.9 | 28.6 | 27.0 | 25.9 |
| 3/4            | 3/4     | F12-MC-PMBP12- | 52.9   | 15.7 | 24.4 | 15.7 | 28.6 | 33.3 | 32   |
| 1              | 1       | F16-MC-PMBP16- | 59.9   | 18.3 | 31.2 | 19.8 | 38.1 | 41.3 | 39.1 |

公制雙卡套陽螺紋直通

ISO平行螺紋(BP)

| T-Tube 外徑(mm) | P-BP 尺寸 | 基本訂購資訊         | 尺寸, mm |      |      |      |    |    |      |
|---------------|---------|----------------|--------|------|------|------|----|----|------|
|               |         |                | L      | B    | C    | E    | G  | F  | D    |
| 3             | 1/8     | M3-MC-PMBP2-   | 30.0   | 7.1  | 12.9 | 2.4  | 12 | 14 | 13.8 |
| 3             | 1/4     | M3-MC-PMBP4-   | 35.3   | 11.2 | 12.9 | 2.4  | 12 | 19 | 18.0 |
| 4             | 1/8     | M4-MC-PMBP2-   | 30.7   | 7.1  | 13.7 | 2.4  | 12 | 14 | 13.8 |
| 6             | 1/8     | M6-MC-PMBP2-   | 32.3   | 7.1  | 15.3 | 4.0  | 14 | 14 | 13.8 |
| 6             | 1/4     | M6-MC-PMBP4-   | 37.6   | 11.2 | 15.3 | 4.8  | 14 | 19 | 18.0 |
| 6             | 3/8     | M6-MC-PMBP6-   | 38.9   | 11.2 | 15.3 | 4.8  | 14 | 22 | 21.8 |
| 6             | 1/2     | M6-MC-PMBP8-   | 44.7   | 14.2 | 15.3 | 4.8  | 14 | 27 | 26.0 |
| 8             | 1/8     | M8-MC-PMBP2-   | 33.3   | 7.1  | 16.2 | 4.0  | 16 | 15 | 13.8 |
| 8             | 1/4     | M8-MC-PMBP4-   | 38.5   | 11.2 | 16.2 | 5.9  | 16 | 19 | 18.0 |
| 8             | 3/8     | M8-MC-PMBP6-   | 39.8   | 11.2 | 16.2 | 6.4  | 16 | 22 | 21.8 |
| 8             | 1/2     | M8-MC-PMBP8-   | 45.6   | 14.2 | 16.2 | 6.4  | 16 | 27 | 26.0 |
| 10            | 1/4     | M10-MC-PMBP4-  | 39.4   | 11.2 | 17.2 | 5.9  | 19 | 19 | 18.0 |
| 10            | 3/8     | M10-MC-PMBP6-  | 40.6   | 11.2 | 17.2 | 7.9  | 19 | 22 | 21.8 |
| 10            | 1/2     | M10-MC-PMBP8-  | 46.5   | 14.2 | 17.2 | 7.9  | 19 | 27 | 26.0 |
| 12            | 1/4     | M12-MC-PMBP4-  | 42.6   | 11.2 | 22.8 | 5.9  | 22 | 22 | 18.0 |
| 12            | 3/8     | M12-MC-PMBP6-  | 43.1   | 11.2 | 22.8 | 7.9  | 22 | 22 | 21.8 |
| 12            | 1/2     | M12-MC-PMBP8-  | 49.0   | 14.2 | 22.8 | 9.5  | 22 | 27 | 26.0 |
| 12            | 3/4     | M12-MC-PMBP12- | 52.8   | 15.7 | 22.8 | 9.5  | 22 | 35 | 32.0 |
| 15            | 1/2     | M15-MC-PMBP8-  | 49.0   | 14.2 | 24.4 | 11.9 | 25 | 27 | 26.0 |
| 16            | 3/8     | M16-MC-PMBP6-  | 43.9   | 11.2 | 24.4 | 7.9  | 25 | 24 | 21.8 |
| 16            | 1/2     | M16-MC-PMBP8-  | 49.0   | 14.2 | 24.4 | 11.9 | 25 | 27 | 26.0 |
| 18            | 1/2     | M18-MC-PMBP8-  | 49.0   | 14.2 | 24.4 | 11.9 | 30 | 27 | 26.0 |
| 18            | 3/4     | M18-MC-PMBP12- | 52.8   | 15.7 | 24.4 | 15.1 | 30 | 35 | 32.0 |
| 20            | 1/2     | M20-MC-PMBP8-  | 50.5   | 14.2 | 26.0 | 11.9 | 32 | 30 | 26.0 |
| 20            | 3/4     | M20-MC-PMBP12- | 52.8   | 15.7 | 26.0 | 15.9 | 32 | 35 | 32.0 |
| 22            | 3/4     | M22-MC-PMBP12- | 52.8   | 15.7 | 26.0 | 15.9 | 32 | 35 | 32.0 |
| 22            | 1       | M22-MC-PMBP16- | 55.3   | 18.3 | 26.0 | 18.3 | 32 | 41 | 39.0 |
| 25            | 3/4     | M25-MC-PMBP12- | 57.5   | 15.7 | 31.3 | 15.9 | 38 | 35 | 32.0 |
| 25            | 1       | M25-MC-PMBP16- | 60.1   | 18.3 | 31.3 | 19.8 | 38 | 41 | 39.0 |
| 28            | 1       | M28-MC-PMBP16- | 70.1   | 18.3 | 36.6 | 19.8 | 46 | 41 | 39.0 |
| 28            | 1 1/4   | M28-MC-PMBP20- | 73.9   | 19.8 | 36.6 | 21.8 | 46 | 50 | 49.0 |
| 30            | 1 1/4   | M30-MC-PMBP20- | 76.5   | 19.8 | 39.6 | 26.2 | 50 | 50 | 49.0 |
| 32            | 1 1/4   | M32-MC-PMBP20- | 78.9   | 19.8 | 42.0 | 28.6 | 50 | 50 | 49.0 |
| 38            | 1 1/2   | M38-MC-PMBP24- | 89.3   | 20.6 | 49.4 | 31.8 | 60 | 55 | 54.7 |

雙卡套陽螺紋直通

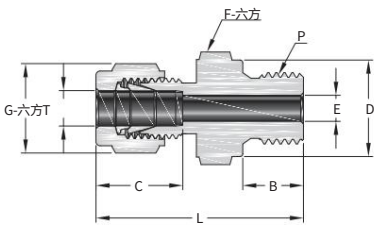


英制雙卡套陽螺紋直通

ISO平行螺紋(BS)

| T-Tube 外<br>徑(in.) | P-BS<br>尺寸 | 基本訂購資訊        | 尺寸, mm |      |      |      |      |      |      |
|--------------------|------------|---------------|--------|------|------|------|------|------|------|
|                    |            |               | L      | B    | C    | E    | G    | F    | D    |
| 1/8                | 1/8        | F2-MC-MBS2-   | 30.0   | 7.1  | 12.7 | 2.3  | 11.1 | 14.3 | 13.7 |
| 1/8                | 1/4        | F2-MC-MBS4-   | 35.3   | 11.2 | 12.7 | 2.3  | 11.1 | 19.1 | 18.0 |
| 1/8                | 3/8        | F2-MC-MBS6-   | 36.3   | 11.2 | 12.7 | 2.3  | 11.1 | 22.2 | 21.8 |
| 1/4                | 1/8        | F4-MC-MBS2-   | 32.3   | 7.1  | 15.2 | 4.0  | 14.3 | 14.3 | 13.7 |
| 1/4                | 1/4        | F4-MC-MBS4-   | 37.6   | 11.2 | 15.2 | 4.8  | 14.3 | 19.1 | 18.0 |
| 1/4                | 3/8        | F4-MC-MBS6-   | 38.9   | 11.2 | 15.2 | 4.8  | 14.3 | 22.2 | 21.8 |
| 1/4                | 1/2        | F4-MC-MBS8-   | 44.7   | 14.2 | 15.2 | 4.8  | 14.3 | 27.0 | 25.9 |
| 3/8                | 1/8        | F6-MC-MBS2-   | 37.8   | 7.1  | 16.8 | 4.0  | 17.5 | 15.9 | 13.7 |
| 3/8                | 1/4        | F6-MC-MBS4-   | 39.1   | 11.2 | 16.8 | 5.9  | 17.5 | 19.1 | 18.0 |
| 3/8                | 3/8        | F6-MC-MBS6-   | 40.4   | 11.2 | 16.8 | 7.1  | 17.5 | 22.2 | 21.8 |
| 3/8                | 1/2        | F6-MC-MBS8-   | 46.2   | 14.2 | 16.8 | 7.1  | 17.5 | 27.0 | 25.9 |
| 1/2                | 1/4        | F8-MC-MBS4-   | 42.7   | 11.2 | 22.9 | 5.9  | 22.2 | 20.6 | 18.0 |
| 1/2                | 3/8        | F8-MC-MBS6-   | 43.2   | 11.2 | 22.9 | 7.9  | 22.2 | 22.2 | 21.8 |
| 1/2                | 1/2        | F8-MC-MBS8-   | 49.0   | 14.2 | 22.9 | 10.4 | 22.2 | 27.0 | 25.9 |
| 3/4                | 1/2        | F12-MC-MBS8-  | 49.0   | 14.2 | 24.4 | 11.9 | 28.6 | 27.0 | 25.9 |
| 3/4                | 3/4        | F12-MC-MBS12- | 52.9   | 15.7 | 24.4 | 15.7 | 28.6 | 33.3 | 32.0 |
| 1                  | 1/2        | F16-MC-MBS8-  | 55.5   | 14.2 | 31.2 | 11.9 | 38.1 | 34.9 | 25.9 |
| 1                  | 3/4        | F16-MC-MBS12- | 57.7   | 15.7 | 31.2 | 16.0 | 38.1 | 34.9 | 32.0 |
| 1                  | 1          | F16-MC-MBS16- | 59.9   | 18.3 | 31.2 | 19.8 | 38.1 | 41.3 | 39.1 |

雙卡套陽螺紋直通

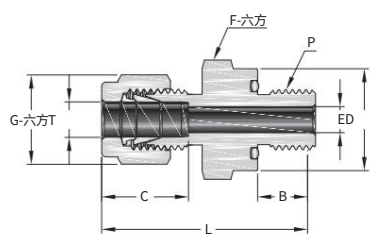


公制雙卡套陽螺紋直通

ISO平行螺紋(BS)

| T-Tube 外徑<br>(mm) | P-BS<br>尺寸 | 基本訂購資訊        | 尺寸, mm |      |      |      |    |    |      |
|-------------------|------------|---------------|--------|------|------|------|----|----|------|
|                   |            |               | LB     |      | C    | E    | G  | F  | D    |
| 2                 | 1/8        | M2-MC-MBS2-   | 30.0   | 7.1  | 12.9 | 1.7  | 12 | 14 | 13.7 |
| 3                 | 1/8        | M3-MC-MBS2-   | 30.0   | 7.1  | 12.9 | 2.4  | 12 | 14 | 13.7 |
| 3                 | 1/4        | M3-MC-MBS4-   | 35.3   | 11.2 | 12.9 | 2.4  | 12 | 19 | 18.0 |
| 4                 | 1/8        | M4-MC-MBS2-   | 30.7   | 7.1  | 13.7 | 2.4  | 12 | 14 | 13.7 |
| 4                 | 1/4        | M4-MC-MBS4-   | 36.0   | 11.2 | 13.7 | 2.4  | 12 | 19 | 18.0 |
| 6                 | 1/8        | M6-MC-MBS2-   | 32.3   | 7.1  | 15.3 | 4.0  | 14 | 14 | 13.7 |
| 6                 | 1/4        | M6-MC-MBS4-   | 37.6   | 11.2 | 15.3 | 4.8  | 14 | 19 | 18.0 |
| 6                 | 3/8        | M6-MC-MBS6-   | 38.9   | 11.2 | 15.3 | 4.8  | 14 | 22 | 21.6 |
| 6                 | 1/2        | M6-MC-MBS8-   | 44.7   | 14.2 | 15.3 | 4.8  | 14 | 27 | 25.9 |
| 8                 | 1/8        | M8-MC-MBS2-   | 33.2   | 7.1  | 16.2 | 4.0  | 16 | 15 | 14.5 |
| 8                 | 1/4        | M8-MC-MBS4-   | 38.5   | 11.2 | 16.2 | 6.4  | 16 | 19 | 18.0 |
| 8                 | 3/8        | M8-MC-MBS6-   | 39.8   | 11.2 | 16.2 | 6.4  | 16 | 22 | 21.6 |
| 8                 | 1/2        | M8-MC-MBS8-   | 45.6   | 14.2 | 16.2 | 6.4  | 16 | 27 | 25.9 |
| 8                 | 3/4        | M8-MC-MBS12-  | 49.5   | 15.7 | 16.2 | 6.4  | 16 | 35 | 32.0 |
| 10                | 1/4        | M10-MC-MBS4-  | 39.4   | 11.2 | 17.2 | 5.9  | 19 | 19 | 18.0 |
| 10                | 3/8        | M10-MC-MBS6-  | 40.6   | 11.2 | 17.2 | 7.9  | 19 | 22 | 21.6 |
| 10                | 1/2        | M10-MC-MBS8-  | 46.5   | 14.2 | 17.2 | 7.9  | 19 | 27 | 25.9 |
| 12                | 1/4        | M12-MC-MBS4-  | 42.6   | 11.2 | 22.8 | 5.9  | 22 | 22 | 21.6 |
| 12                | 3/8        | M12-MC-MBS6-  | 43.1   | 11.2 | 22.8 | 7.9  | 22 | 22 | 21.6 |
| 12                | 1/2        | M12-MC-MBS8-  | 49.0   | 14.2 | 22.8 | 9.5  | 22 | 27 | 25.9 |
| 12                | 3/4        | M12-MC-MBS12- | 52.8   | 15.7 | 22.8 | 9.5  | 22 | 35 | 32.0 |
| 14                | 1/4        | M14-MC-MBS4-  | 42.9   | 11.2 | 24.4 | 7.1  | 25 | 24 | 18.0 |
| 14                | 3/8        | M14-MC-MBS6-  | 43.9   | 11.2 | 24.4 | 7.9  | 25 | 24 | 21.6 |
| 14                | 1/2        | M14-MC-MBS8-  | 49.0   | 14.2 | 24.4 | 11.1 | 25 | 27 | 25.9 |
| 14                | 3/4        | M14-MC-MBS12- | 52.8   | 15.7 | 24.4 | 11.1 | 25 | 35 | 32.0 |
| 15                | 3/8        | M15-MC-MBS6-  | 43.9   | 11.2 | 24.4 | 7.9  | 25 | 24 | 21.6 |
| 15                | 1/2        | M15-MC-MBS8-  | 49.0   | 14.2 | 24.4 | 11.9 | 25 | 27 | 25.9 |
| 15                | 3/4        | M15-MC-MBS12- | 52.8   | 15.7 | 24.4 | 11.9 | 25 | 35 | 32.0 |
| 16                | 3/8        | M16-MC-MBS6-  | 43.9   | 11.2 | 24.4 | 7.9  | 25 | 24 | 21.6 |
| 16                | 1/2        | M16-MC-MBS8-  | 49.0   | 14.2 | 24.4 | 11.9 | 25 | 27 | 25.9 |
| 16                | 3/4        | M16-MC-MBS12- | 52.8   | 15.7 | 24.4 | 12.7 | 25 | 35 | 32.0 |
| 18                | 1/2        | M18-MC-MBS8-  | 49.0   | 14.2 | 24.4 | 11.9 | 30 | 27 | 25.9 |
| 18                | 3/4        | M18-MC-MBS12- | 52.8   | 15.7 | 24.4 | 15.1 | 30 | 35 | 32.0 |
| 20                | 1/2        | M20-MC-MBS8-  | 50.5   | 14.2 | 26.0 | 11.9 | 32 | 30 | 25.9 |
| 20                | 3/4        | M20-MC-MBS12- | 52.8   | 15.7 | 26.0 | 15.9 | 32 | 35 | 32.0 |
| 22                | 3/4        | M22-MC-MBS12- | 52.8   | 15.7 | 26.0 | 15.9 | 32 | 35 | 32.0 |
| 22                | 1          | M22-MC-MBS16- | 55.3   | 18.3 | 26.0 | 18.3 | 32 | 41 | 39.1 |
| 25                | 3/4        | M25-MC-MBS12- | 57.5   | 15.7 | 31.3 | 15.9 | 38 | 35 | 32.0 |
| 25                | 1          | M25-MC-MBS16- | 60.1   | 18.3 | 31.3 | 19.8 | 38 | 41 | 39.1 |
| 28                | 1          | M28-MC-MBS16- | 70.1   | 18.3 | 36.6 | 19.8 | 46 | 41 | 39.1 |
| 28                | 1 1/4      | M28-MC-MBS20- | 73.9   | 19.8 | 36.6 | 21.8 | 46 | 50 | 49.0 |
| 30                | 1 1/4      | M30-MC-MBS20- | 76.5   | 19.8 | 39.6 | 25.0 | 50 | 50 | 49.0 |
| 32                | 1 1/4      | M32-MC-MBS20- | 78.9   | 19.8 | 42.0 | 25.0 | 50 | 50 | 49.0 |
| 38                | 1 1/2      | M38-MC-MBS24- | 90.8   | 22.1 | 49.4 | 31.8 | 60 | 55 | 54.7 |

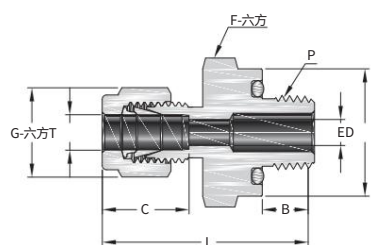
## 雙卡套陽螺紋直通



英制雙卡套陽螺紋直通

SAE/MS直螺紋O型密封圈

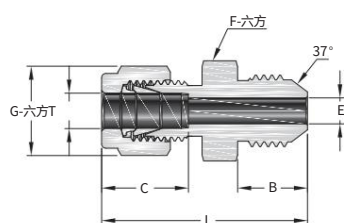
| T-Tube 外徑(in.) | P-SAE/MS 螺紋尺寸 | 基本訂購資訊        | 尺寸, mm |      |      |      |      |      |      |
|----------------|---------------|---------------|--------|------|------|------|------|------|------|
|                |               |               | L      | B    | C    | E    | G    | F    | D    |
| 1/16           | 5/16-24       | F1-MC-STO5-   | 26.7   | 8.6  | 8.6  | 1.3  | 7.9  | 14.3 | 14.0 |
| 1/8            | 5/16-24       | F2-MC-STO5-   | 32.8   | 8.6  | 12.7 | 2.3  | 11.1 | 14.3 | 14.0 |
| 3/16           | 3/8-24        | F3-MC-STO6-   | 34.3   | 9.7  | 13.7 | 3.0  | 12.7 | 15.9 | 15.7 |
| 1/4            | 7/16-20       | F4-MC-STO7-   | 38.4   | 10.4 | 15.2 | 4.8  | 14.3 | 19.1 | 18.8 |
| 5/16           | 1/2-20        | F5-MC-STO8-   | 40.6   | 11.2 | 16.3 | 6.4  | 15.9 | 22.2 | 21.8 |
| 3/8            | 9/16-18       | F6-MC-STO9-   | 42.4   | 11.9 | 16.8 | 7.1  | 17.5 | 23.8 | 23.6 |
| 1/2            | 3/4-16        | F8-MC-STO12-  | 46.0   | 11.9 | 22.9 | 10.4 | 22.2 | 28.6 | 28.4 |
| 3/4            | 1 1/16-12     | F12-MC-STO17- | 52.3   | 14.2 | 24.4 | 15.7 | 28.6 | 38.1 | 37.8 |
| 1              | 1 5/16-12     | F16-MC-STO21- | 58.2   | 14.2 | 31.2 | 22.4 | 38.1 | 44.5 | 44.2 |



英制雙卡套陽螺紋直通

帶有NPT螺紋的O形密封圈

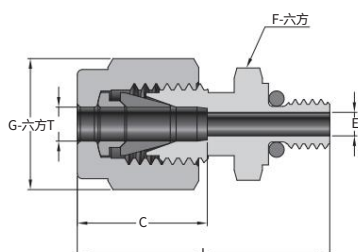
| T-Tube 外徑(in.) | P-NPT 尺寸 | 基本訂購資訊       | 尺寸, mm |      |      |      |      |      |      |
|----------------|----------|--------------|--------|------|------|------|------|------|------|
|                |          |              | L      | B    | C    | E    | G    | F    | D    |
| 1/8            | 1/8      | F2-MC-NPT02- | 32.8   | 7.1  | 8.6  | 2.3  | 11.1 | 19.1 | 18.8 |
| 1/4            | 1/8      | F4-MC-NPT02- | 35.1   | 7.1  | 15.2 | 4.8  | 14.3 | 19.1 | 18.8 |
| 1/4            | 1/4      | F4-MC-NPT04- | 38.4   | 9.7  | 15.2 | 4.8  | 14.3 | 23.8 | 23.6 |
| 3/8            | 1/4      | F6-MC-NPT04- | 39.9   | 9.7  | 16.8 | 7.1  | 17.5 | 23.8 | 23.6 |
| 3/8            | 3/8      | F6-MC-NPT06- | 41.4   | 10.4 | 16.8 | 7.1  | 17.5 | 28.6 | 28.4 |
| 3/8            | 1/2      | F6-MC-NPT08- | 47.0   | 13.5 | 16.8 | 7.1  | 17.5 | 33.3 | 33.0 |
| 1/2            | 1/2      | F8-MC-NPT08- | 49.8   | 13.5 | 22.9 | 10.4 | 22.2 | 33.3 | 33.0 |



英制雙卡套陽螺紋直通

37° 擴口陽螺紋(AN)

| T-Tube 外徑(in.) | AN Tube Flare尺寸 | 基本訂購資訊       | 尺寸, in.(mm) |            |            |            |            |            |
|----------------|-----------------|--------------|-------------|------------|------------|------------|------------|------------|
|                |                 |              | L           | B          | C          | E          | G          | F          |
| 1/16           | 1/8             | F1-MC-AN2-   | 1.07(27.2)  | 0.45(11.4) | 0.34(8.6)  | 0.05(1.3)  | 0.31(7.9)  | 0.44(11.1) |
| 1/8            | 1/8             | F2-MC-AN2-   | 1.27(32.3)  | 0.45(11.4) | 0.50(12.7) | 0.06(1.5)  | 0.44(11.1) | 0.44(11.1) |
| 1/8            | 1/4             | F2-MC-AN4-   | 1.38(35.1)  | 0.55(14.0) | 0.50(12.7) | 0.09(2.3)  | 0.44(11.1) | 0.50(12.7) |
| 3/16           | 3/16            | F3-MC-AN3-   | 1.32(33.5)  | 0.48(12.2) | 0.54(13.7) | 0.09(2.3)  | 0.50(12.7) | 0.44(11.1) |
| 1/4            | 1/4             | F4-MC-AN4-   | 1.48(37.6)  | 0.55(14.0) | 0.60(15.2) | 0.17(4.3)  | 0.56(14.3) | 0.50(12.7) |
| 5/16           | 5/16            | F5-MC-AN5-   | 1.51(38.4)  | 0.55(14.0) | 0.64(16.2) | 0.23(5.8)  | 0.63(15.9) | 0.56(14.3) |
| 3/8            | 1/4             | F6-MC-AN4-   | 1.56(39.6)  | 0.55(14.0) | 0.66(16.8) | 0.17(4.3)  | 0.69(17.5) | 0.63(15.9) |
| 3/8            | 3/8             | F6-MC-AN6-   | 1.56(39.6)  | 0.56(14.1) | 0.66(16.8) | 0.28(7.1)  | 0.69(17.5) | 0.63(15.9) |
| 1/2            | 1/2             | F8-MC-AN8-   | 1.81(46.0)  | 0.66(16.7) | 0.90(22.8) | 0.39(9.9)  | 0.87(22.2) | 0.81(20.6) |
| 5/8            | 5/8             | F10-MC-AN10- | 1.93(49.0)  | 0.76(19.3) | 0.96(24.5) | 0.48(12.3) | 1.00(25.4) | 0.94(23.8) |
| 3/4            | 3/4             | F12-MC-AN12- | 2.10(53.3)  | 0.86(21.9) | 0.96(24.4) | 0.61(15.5) | 1.13(28.6) | 1.13(28.6) |
| 1              | 1               | F16-MC-AN16- | 2.42(61.5)  | 0.91(23.1) | 1.23(31.2) | 0.84(21.3) | 1.50(38.1) | 1.37(34.9) |

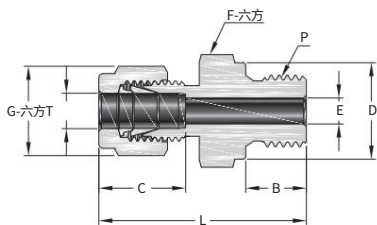


英制雙卡套陽螺紋直通

10-32螺紋

| T-Tube 外徑(in.) | 基本訂購資訊       | 尺寸, mm |      |     |      |      |
|----------------|--------------|--------|------|-----|------|------|
|                |              | L      | C    | E   | G    | F    |
| 1/8            | F2-MC-UNFD10 | 24.1   | 12.7 | 2.3 | 11.1 | 9.5  |
| 1/4            | F4-MC-UNFD10 | 27.4   | 15.2 | 2.3 | 14.3 | 12.7 |

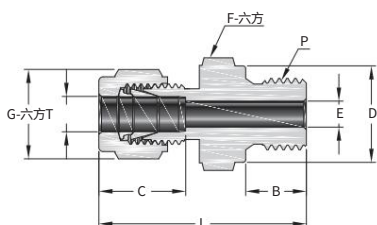
## 雙卡套陽螺紋直通



英制雙卡套陽螺紋直通

公制螺紋(BSMS)

| T-Tube 外徑(in.) | P-公制螺紋尺寸 | 基本訂購資訊        | 尺寸, mm |    |      |      |      |      |    |
|----------------|----------|---------------|--------|----|------|------|------|------|----|
|                |          |               | L      | B  | C    | E    | G    | F    | D  |
| 1/8            | M14x1.5  | F2-MC-BSMS14- | 36.7   | 12 | 12.7 | 2.3  | 11.1 | 19.1 | 19 |
| 1/8            | M16x1.5  | F2-MC-BSMS16- | 37.5   | 12 | 12.7 | 2.3  | 11.1 | 22.2 | 21 |
| 1/8            | M18x1.5  | F2-MC-BSMS18- | 38.5   | 12 | 12.7 | 2.3  | 11.1 | 23.8 | 23 |
| 1/8            | M20x1.5  | F2-MC-BSMS20- | 41.1   | 14 | 12.7 | 2.3  | 11.1 | 25.4 | 25 |
| 1/4            | M14x1.5  | F4-MC-BSMS14- | 38.0   | 12 | 15.2 | 4.8  | 14.3 | 19.1 | 19 |
| 1/4            | M16x1.5  | F4-MC-BSMS16- | 39.9   | 12 | 15.2 | 4.8  | 14.3 | 22.2 | 21 |
| 1/4            | M18x1.5  | F4-MC-BSMS18- | 40.8   | 12 | 15.2 | 4.8  | 14.3 | 23.8 | 23 |
| 1/4            | M20x1.5  | F4-MC-BSMS20- | 43.6   | 14 | 15.2 | 4.8  | 14.3 | 25.4 | 25 |
| 3/8            | M14x1.5  | F6-MC-BSMS14- | 41.3   | 12 | 16.8 | 7.1  | 17.5 | 19.1 | 19 |
| 3/8            | M16x1.5  | F6-MC-BSMS16- | 41.3   | 12 | 16.8 | 7.1  | 17.5 | 22.2 | 21 |
| 3/8            | M18x1.5  | F6-MC-BSMS18- | 41.8   | 12 | 16.8 | 7.1  | 17.5 | 23.8 | 23 |
| 3/8            | M20x1.5  | F6-MC-BSMS20- | 45.1   | 14 | 16.8 | 7.1  | 17.5 | 25.4 | 25 |
| 1/2            | M16x1.5  | F8-MC-BSMS16- | 44.0   | 12 | 22.9 | 9.0  | 22.2 | 22.2 | 21 |
| 1/2            | M18x1.5  | F8-MC-BSMS18- | 44.0   | 12 | 22.9 | 10.0 | 22.2 | 23.8 | 23 |
| 1/2            | M20x1.5  | F8-MC-BSMS20- | 47.9   | 14 | 22.9 | 10.4 | 22.2 | 25.4 | 25 |
| 1/2            | M22x1.5  | F8-MC-BSMS22- | 48.5   | 14 | 22.9 | 10.4 | 22.2 | 27.0 | 27 |

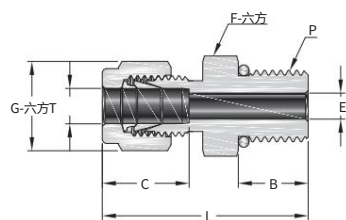


公制雙卡套陽螺紋直通

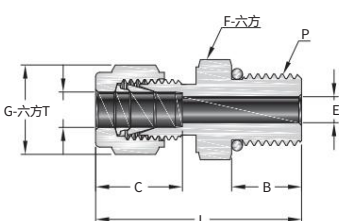
公制螺紋(BSMS)

| T-Tube 外徑(mm) | P-公制螺紋尺寸  | 基本訂購資訊         | 尺寸, mm |        |      |      |    |    |    |
|---------------|-----------|----------------|--------|--------|------|------|----|----|----|
|               |           |                | L      | BCEGFD |      |      |    |    |    |
| 6             | M8 x 1    | M6-MC-BSMS8-   | 33.3   | 8      | 15.3 | 3.0  | 14 | 14 | 12 |
| 6             | M10 x 1   | M6-MC-BSMS10-  | 36.3   | 8      | 15.3 | 4.0  | 14 | 14 | 14 |
| 6             | M12 x 1.5 | M6-MC-BSMS12-  | 38.2   | 12     | 15.3 | 4.8  | 14 | 18 | 17 |
| 6             | M14 x 1.5 | M6-MC-BSMS14-  | 39.7   | 12     | 15.3 | 4.8  | 14 | 19 | 19 |
| 8             | M8 x 1    | M8-MC-BSMS8-   | 34.1   | 8      | 16.2 | 3.0  | 16 | 14 | 12 |
| 8             | M10 x 1   | M8-MC-BSMS10-  | 34.1   | 8      | 16.2 | 5.0  | 16 | 15 | 14 |
| 8             | M12 x 1.5 | M8-MC-BSMS12-  | 40.4   | 12     | 16.2 | 6.0  | 16 | 18 | 17 |
| 8             | M14 x 1.5 | M8-MC-BSMS14-  | 40.4   | 12     | 16.2 | 6.4  | 16 | 19 | 19 |
| 10            | M12 x 1.5 | M10-MC-BSMS12- | 40.7   | 12     | 17.2 | 6.0  | 19 | 18 | 17 |
| 10            | M14 x 1.5 | M10-MC-BSMS14- | 41.5   | 12     | 17.2 | 7.9  | 19 | 19 | 19 |
| 12            | M16 x 1.5 | M12-MC-BSMS16- | 45.5   | 12     | 22.8 | 9    | 22 | 22 | 21 |
| 12            | M20 x 1.5 | M12-MC-BSMS20- | 48.0   | 14     | 22.8 | 9.5  | 22 | 25 | 25 |
| 12            | M22 x 1.5 | M12-MC-BSMS22- | 49.5   | 14     | 22.8 | 9.5  | 22 | 27 | 27 |
| 14            | M14 x 1.5 | M14-MC-BSMS14- | 44.9   | 12     | 24.4 | 8    | 25 | 24 | 19 |
| 14            | M20 x 1.5 | M14-MC-BSMS20- | 48.0   | 14     | 24.4 | 11.1 | 25 | 25 | 25 |
| 16            | M20 x 1.5 | M16-MC-BSMS20- | 48.0   | 14     | 24.4 | 12   | 25 | 25 | 25 |
| 18            | M20 x 1.5 | M18-MC-BSMS20- | 48.5   | 14     | 24.4 | 12   | 30 | 27 | 25 |
| 20            | M20 x 1.5 | M20-MC-BSMS20- | 50.0   | 14     | 26.0 | 12   | 32 | 30 | 25 |
| 22            | M24 x 1.5 | M22-MC-BSMS24- | 50.5   | 14     | 26.0 | 15   | 32 | 30 | 29 |
| 25            | M27 x 2   | M25-MC-BSMS27- | 57.5   | 16     | 31.3 | 16.8 | 38 | 35 | 32 |

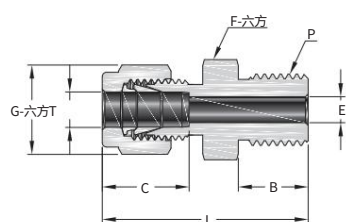
## 雙卡套陽螺紋直通



轉接至iso 6149-1 直螺紋凸台



轉接至iso 6149-1 直螺紋凸台



英制雙卡套陽螺紋直通

公制螺紋(OMS)

| T-Tube 外徑(in.) | P-公制螺紋尺寸 | 基本訂購資訊       | 尺寸, mm |    |      |      |      |      |
|----------------|----------|--------------|--------|----|------|------|------|------|
|                |          |              | L      | B  | C    | E    | G    | F    |
| 1/4            | M14X1.5  | F4-MC-OMS14- | 35.2   | 11 | 15.2 | 4.8  | 14.3 | 19.1 |
| 3/8            | M14X1.5  | F6-MC-OMS14- | 36.7   | 11 | 16.8 | 7.1  | 17.5 | 19.1 |
| 3/8            | M20X1.5  | F6-MC-OMS20- | 41.2   | 14 | 16.8 | 7.1  | 17.5 | 27.0 |
| 1/2            | M14X1.5  | F8-MC-OMS14- | 40.2   | 11 | 22.9 | 7.5  | 22.2 | 20.6 |
| 1/2            | M20X1.5  | F8-MC-OMS20- | 44.0   | 14 | 22.9 | 10.4 | 22.2 | 27.0 |

公制雙卡套陽螺紋直通

公制螺紋(OMS)

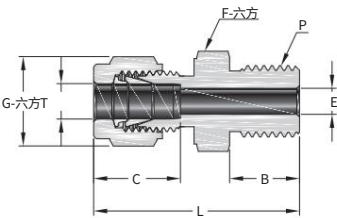
| T-Tube 外徑(mm) | P-公制螺紋尺寸  | 基本訂購資訊        | 尺寸, mm |    |      |      |    |    |
|---------------|-----------|---------------|--------|----|------|------|----|----|
|               |           |               | L      | B  | C    | E    | G  | F  |
| 6             | M14 x 1.5 | M6-MC-OMS14-  | 35.2   | 11 | 15.3 | 4.8  | 14 | 19 |
| 10            | M14 x 1.5 | M10-MC-OMS14- | 36.7   | 11 | 17.2 | 7.5  | 19 | 19 |
| 10            | M20 x 1.5 | M10-MC-OMS20- | 41.2   | 14 | 17.2 | 7.9  | 19 | 27 |
| 12            | M14 x 1.5 | M12-MC-OMS14- | 40.2   | 11 | 22.8 | 7.5  | 22 | 22 |
| 12            | M20 x 1.5 | M12-MC-OMS20- | 44.0   | 14 | 22.8 | 10.4 | 22 | 27 |

英制雙卡套陽螺紋直通

公制螺紋(MS)

| T-Tube 外徑(in.) | P-公制螺紋尺寸 | 基本訂購資訊      | 尺寸, mm |    |      |      |      |      |
|----------------|----------|-------------|--------|----|------|------|------|------|
|                |          |             | L      | B  | C    | E    | G    | F    |
| 1/16           | M5x0.8   | F1-MC-MS5-  | 21.8   | 8  | 8.6  | 1.3  | 7.9  | 7.9  |
| 1/8            | M14x1.5  | F2-MC-MS14- | 34.8   | 13 | 12.7 | 2.3  | 11.1 | 15.9 |
| 1/8            | M16x1.5  | F2-MC-MS16- | 35.8   | 14 | 12.7 | 2.3  | 11.1 | 17.5 |
| 1/8            | M18x1.5  | F2-MC-MS18- | 37.2   | 15 | 12.7 | 2.3  | 11.1 | 19.1 |
| 1/8            | M20x1.5  | F2-MC-MS20- | 38.2   | 16 | 12.7 | 2.3  | 11.1 | 22.2 |
| 1/4            | M14x1.5  | F4-MC-MS14- | 36.9   | 13 | 15.2 | 4.8  | 14.3 | 15.9 |
| 1/4            | M16x1.5  | F4-MC-MS16- | 38.1   | 14 | 15.2 | 4.8  | 14.3 | 17.5 |
| 1/4            | M18x1.5  | F4-MC-MS18- | 39.5   | 15 | 15.2 | 4.8  | 14.3 | 19.1 |
| 1/4            | M20x1.5  | F4-MC-MS20- | 40.7   | 16 | 15.2 | 4.8  | 14.3 | 22.2 |
| 3/8            | M10x1.0  | F4-MC-MS10- | 36.4   | 11 | 16.8 | 4.8  | 17.5 | 15.9 |
| 3/8            | M14x1.5  | F6-MC-MS14- | 39.3   | 13 | 16.8 | 7.1  | 17.5 | 15.9 |
| 3/8            | M16x1.5  | F6-MC-MS16- | 39.7   | 14 | 16.8 | 7.1  | 17.5 | 17.5 |
| 3/8            | M18x1.5  | F6-MC-MS18- | 41.5   | 15 | 16.8 | 7.1  | 17.5 | 19.1 |
| 3/8            | M20x1.5  | F6-MC-MS20- | 42.3   | 16 | 16.8 | 7.1  | 17.5 | 22.2 |
| 1/2            | M16x1.5  | F8-MC-MS16- | 43.2   | 14 | 22.9 | 8.4  | 22.2 | 20.6 |
| 1/2            | M18x1.5  | F8-MC-MS18- | 43.7   | 15 | 22.9 | 9.6  | 22.2 | 20.6 |
| 1/2            | M20x1.5  | F8-MC-MS20- | 44.9   | 16 | 22.9 | 10.4 | 22.2 | 22.2 |
| 1/2            | M22x1.5  | F8-MC-MS22- | 47.0   | 17 | 22.9 | 10.4 | 22.2 | 23.8 |

雙卡套陽螺紋直通

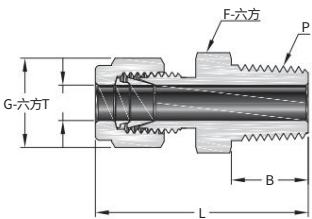


公制雙卡套陽螺紋直通

公制螺紋(MS)

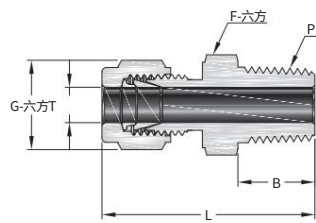
| T-Tube 外<br>徑<br>(mm) | P-公制螺紋尺<br>寸 | 基本訂購資訊       | 尺寸, mm |    |      |      |    |    |
|-----------------------|--------------|--------------|--------|----|------|------|----|----|
|                       |              |              | L      | B  | C    | E    | G  | F  |
| 6                     | M6 x 1       | M6-MC-MS6-   | 32.4   | 8  | 15.3 | 2.0  | 14 | 14 |
| 6                     | M8 x 1       | M6-MC-MS8-   | 32.4   | 9  | 15.3 | 3.0  | 14 | 14 |
| 6                     | M10 x 1      | M6-MC-MS10-  | 35.2   | 11 | 15.3 | 4.7  | 14 | 14 |
| 6                     | M12 x 1.5    | M6-MC-MS12-  | 36.4   | 12 | 15.3 | 4.8  | 14 | 14 |
| 6                     | M14 x 1.5    | M6-MC-MS14-  | 37.4   | 13 | 15.3 | 4.8  | 14 | 16 |
| 6                     | M16 x 1.5    | M6-MC-MS16-  | 38.4   | 14 | 15.3 | 4.8  | 14 | 18 |
| 6                     | M18 x 1.5    | M6-MC-MS18-  | 40.0   | 15 | 15.3 | 4.8  | 14 | 19 |
| 6                     | M20 x 1.5    | M6-MC-MS20-  | 41.7   | 16 | 15.3 | 4.8  | 14 | 22 |
| 8                     | M8 x 1       | M8-MC-MS8-   | 34.5   | 9  | 16.2 | 3.0  | 16 | 14 |
| 8                     | M10 x 1      | M8-MC-MS10-  | 35.6   | 11 | 16.2 | 4.7  | 16 | 14 |
| 8                     | M12 x 1.5    | M8-MC-MS12-  | 36.6   | 12 | 16.2 | 6.0  | 16 | 14 |
| 8                     | M14 x 1.5    | M8-MC-MS14-  | 37.7   | 13 | 16.2 | 6.4  | 16 | 16 |
| 8                     | M20 x 1.5    | M8-MC-MS20-  | 42.5   | 16 | 16.2 | 6.4  | 16 | 22 |
| 10                    | M12 x 1.5    | M10-MC-MS12- | 38.7   | 12 | 17.2 | 6.0  | 19 | 18 |
| 10                    | M14 x 1.5    | M10-MC-MS14- | 39.7   | 13 | 17.2 | 7.2  | 19 | 18 |
| 10                    | M20 x 1.5    | M10-MC-MS20- | 43.5   | 16 | 17.2 | 7.9  | 19 | 22 |
| 12                    | M12 x 1.5    | M12-MC-MS12- | 41.2   | 12 | 22.8 | 6.0  | 22 | 22 |
| 12                    | M16 x 1.5    | M12-MC-MS16- | 43.2   | 14 | 22.8 | 9.5  | 22 | 22 |
| 12                    | M18 x 1.5    | M12-MC-MS18- | 44.2   | 15 | 22.8 | 9.5  | 22 | 22 |
| 12                    | M20 x 1.5    | M12-MC-MS20- | 45.2   | 16 | 22.8 | 9.5  | 22 | 22 |
| 14                    | M14 x 1.5    | M14-MC-MS14- | 42.5   | 13 | 24.4 | 7.2  | 25 | 24 |
| 14                    | M16 x 1.5    | M14-MC-MS16- | 43.9   | 14 | 24.4 | 8.4  | 25 | 24 |
| 14                    | M20 x 1.5    | M14-MC-MS20- | 45.1   | 16 | 24.4 | 10.8 | 25 | 24 |
| 16                    | M20 x 1.5    | M16-MC-MS20- | 46.1   | 16 | 24.4 | 10.8 | 25 | 24 |
| 18                    | M20 x 1.5    | M18-MC-MS20- | 47.5   | 16 | 24.4 | 10.8 | 30 | 27 |
| 18                    | M22 x 1.5    | M18-MC-MS22- | 48.5   | 17 | 24.4 | 12   | 30 | 27 |
| 20                    | M20 x 1.5    | M20-MC-MS20- | 49.5   | 16 | 26.0 | 10.8 | 32 | 30 |
| 22                    | M24 x 1.5    | M22-MC-MS24- | 50.5   | 17 | 26.0 | 14.4 | 32 | 30 |
| 25                    | M27 x 2      | M22-MC-MS27- | 57.0   | 18 | 31.3 | 16.1 | 38 | 35 |

雙卡套熱鎢通直通



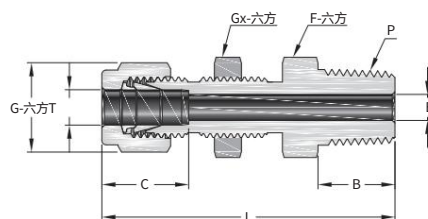
| 英制雙卡套熱鎢通直通     |          |               | NPT螺紋  |      |      |      |
|----------------|----------|---------------|--------|------|------|------|
| T-Tube 外徑(in.) | P-NPT 尺寸 | 基本訂購資訊        | 尺寸, mm |      |      |      |
|                |          |               | L      | B    | G    | F    |
| 1/16           | 1/16     | F1-TC-NPT1-   | 23.9   | 9.7  | 7.9  | 7.9  |
| 1/16           | 1/8      | F1-TC-NPT2-   | 26.2   | 9.7  | 7.9  | 11.1 |
| 1/16           | 1/4      | F1-TC-NPT4-   | 31.0   | 14.2 | 7.9  | 14.3 |
| 1/8            | 1/16     | F2-TC-NPT1-   | 29.7   | 9.7  | 11.1 | 11.1 |
| 1/8            | 1/8      | F2-TC-NPT2-   | 30.5   | 9.7  | 11.1 | 11.1 |
| 1/8            | 1/4      | F2-TC-NPT4-   | 35.6   | 14.2 | 11.1 | 14.3 |
| 3/16           | 1/8      | F3-TC-NPT2-   | 31.2   | 9.7  | 12.7 | 11.1 |
| 3/16           | 1/4      | F3-TC-NPT4-   | 36.3   | 14.2 | 12.7 | 14.3 |
| 1/4            | 1/8      | F4-TC-NPT2-   | 32.8   | 9.7  | 14.3 | 12.7 |
| 1/4            | 1/4      | F4-TC-NPT4-   | 37.8   | 14.2 | 14.3 | 14.3 |
| 1/4            | 3/8      | F4-TC-NPT6-   | 38.4   | 14.2 | 14.3 | 17.5 |
| 1/4            | 1/2      | F4-TC-NPT8-   | 44.7   | 19.1 | 14.3 | 22.2 |
| 5/16           | 1/4      | F5-TC-NPT4-   | 38.6   | 14.2 | 15.9 | 14.3 |
| 3/8            | 1/4      | F6-TC-NPT4-   | 39.9   | 14.2 | 17.5 | 15.9 |
| 3/8            | 3/8      | F6-TC-NPT6-   | 39.9   | 14.2 | 17.5 | 17.5 |
| 3/8            | 1/2      | F6-TC-NPT8-   | 46.2   | 19.1 | 17.5 | 22.2 |
| 3/8            | 3/4      | F6-TC-NPT12-  | 47.8   | 19.1 | 17.5 | 27.0 |
| 1/2            | 1/2      | F8-TC-NPT8-   | 49.0   | 19.1 | 22.2 | 22.2 |
| 1/2            | 3/4      | F8-TC-NPT12-  | 50.5   | 19.1 | 22.2 | 27.0 |
| 5/8            | 3/4      | F10-TC-NPT12- | 50.5   | 19.1 | 25.4 | 27.0 |
| 3/4            | 3/4      | F12-TC-NPT12- | 50.5   | 19.1 | 28.6 | 27.0 |
| 1              | 1        | F16-TC-NPT16- | 62.2   | 23.9 | 38.1 | 34.9 |

雙卡套熱鎢通直通



| 公制雙卡套熱鎢通直通     |          |               | NPT螺紋  |      |    |    |
|----------------|----------|---------------|--------|------|----|----|
| T-Tube 外徑 (mm) | P-NPT 尺寸 | 基本訂購資訊        | 尺寸, mm |      |    |    |
|                |          |               | L      | B    | G  | F  |
| 2              | 1/8      | M2-TC-NPT2-   | 30.5   | 9.7  | 12 | 12 |
| 3              | 1/8      | M3-TC-NPT2-   | 30.5   | 9.7  | 12 | 12 |
| 3              | 1/4      | M3-TC-NPT4-   | 35.6   | 14.2 | 12 | 14 |
| 4              | 1/8      | M4-TC-NPT2-   | 31.2   | 9.7  | 12 | 12 |
| 4              | 1/4      | M4-TC-NPT4-   | 36.3   | 14.2 | 12 | 14 |
| 6              | 1/8      | M6-TC-NPT2-   | 32.8   | 9.7  | 14 | 14 |
| 6              | 1/4      | M6-TC-NPT4-   | 37.9   | 14.2 | 14 | 14 |
| 6              | 3/8      | M6-TC-NPT6-   | 38.4   | 14.2 | 14 | 18 |
| 6              | 1/2      | M6-TC-NPT8-   | 44.7   | 19.1 | 14 | 22 |
| 8              | 1/4      | M8-TC-NPT4-   | 38.7   | 14.2 | 16 | 15 |
| 8              | 3/8      | M8-TC-NPT6-   | 39.3   | 14.2 | 16 | 18 |
| 8              | 1/2      | M8-TC-NPT8-   | 45.6   | 19.1 | 16 | 22 |
| 10             | 3/8      | M10-TC-NPT6-  | 40.9   | 14.2 | 19 | 18 |
| 10             | 1/2      | M10-TC-NPT8-  | 46.5   | 19.1 | 19 | 22 |
| 10             | 3/4      | M10-TC-NPT12- | 48.0   | 19.1 | 19 | 27 |
| 10             | 1        | M10-TC-NPT16- | 54.6   | 23.9 | 19 | 35 |
| 12             | 3/8      | M12-TC-NPT6-  | 43.4   | 14.2 | 22 | 22 |
| 12             | 1/2      | M12-TC-NPT8-  | 49.0   | 19.1 | 22 | 22 |
| 12             | 3/4      | M12-TC-NPT12- | 50.5   | 19.1 | 22 | 27 |
| 14             | 1/2      | M14-TC-NPT8-  | 49.0   | 19.1 | 25 | 24 |
| 14             | 3/4      | M14-TC-NPT12- | 50.5   | 19.1 | 25 | 27 |
| 15             | 1/2      | M15-TC-NPT8-  | 49.0   | 19.1 | 25 | 24 |
| 15             | 3/4      | M15-TC-NPT12- | 50.5   | 19.1 | 25 | 27 |
| 15             | 1        | M15-TC-NPT16- | 57.1   | 23.9 | 25 | 35 |
| 16             | 3/4      | M16-TC-NPT12- | 50.5   | 19.1 | 25 | 27 |
| 18             | 3/4      | M18-TC-NPT12- | 50.5   | 19.1 | 30 | 27 |
| 20             | 1        | M20-TC-NPT16- | 57.1   | 23.9 | 32 | 35 |
| 22             | 1        | M22-TC-NPT16- | 57.1   | 23.9 | 32 | 35 |
| 25             | 1        | M25-TC-NPT16- | 62.3   | 23.9 | 38 | 35 |

## 雙卡套穿板陽螺紋直通



英制雙卡套穿板陽螺紋直通

NPT螺紋

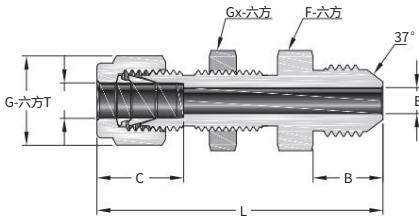
| T-Tube 外徑 (in.) | P-NPT 尺寸 | 基本訂購資訊         | 尺寸, mm |      |      |      |      |      |      | 安裝孔尺寸 (mm) | 最大面板厚度 (mm) |
|-----------------|----------|----------------|--------|------|------|------|------|------|------|------------|-------------|
|                 |          |                | L      | B    | C    | E    | G    | F    | Gx   |            |             |
| 1/16            | 1/16     | F1-BMC-NPT1-   | 30.2   | 9.7  | 8.6  | 1.3  | 7.9  | 7.9  | 7.9  | 5.2        | 6.4         |
| 1/16            | 1/8      | F1-BMC-NPT2-   | 32.3   | 9.7  | 8.6  | 1.3  | 7.9  | 11.1 | 7.9  | 5.2        | 6.4         |
| 1/8             | 1/8      | F2-BMC-NPT2-   | 46.5   | 9.7  | 12.7 | 2.3  | 11.1 | 12.7 | 12.7 | 8.3        | 12.7        |
| 3/16            | 1/8      | F3-BMC-NPT2-   | 48.0   | 9.7  | 13.7 | 3.0  | 12.7 | 14.3 | 14.3 | 9.9        | 12.7        |
| 1/4             | 1/8      | F4-BMC-NPT2-   | 49.5   | 9.7  | 15.2 | 4.8  | 14.3 | 15.9 | 15.9 | 11.5       | 10.2        |
| 1/4             | 1/4      | F4-BMC-NPT4-   | 54.1   | 14.2 | 15.2 | 4.8  | 14.3 | 15.9 | 15.9 | 11.5       | 10.2        |
| 1/4             | 3/8      | F4-BMC-NPT6-   | 54.9   | 14.2 | 15.2 | 4.8  | 14.3 | 17.5 | 15.9 | 11.5       | 10.2        |
| 1/4             | 1/2      | F4-BMC-NPT8-   | 60.3   | 19.1 | 15.2 | 4.8  | 14.3 | 22.2 | 15.9 | 11.5       | 10.2        |
| 5/16            | 1/8      | F5-BMC-NPT2-   | 52.8   | 9.7  | 16.3 | 4.8  | 15.9 | 17.5 | 17.5 | 13.1       | 11.2        |
| 5/16            | 1/4      | F5-BMC-NPT4-   | 57.7   | 14.2 | 16.3 | 6.4  | 15.9 | 17.5 | 17.5 | 13.1       | 11.2        |
| 3/8             | 1/8      | F6-BMC-NPT2-   | 52.9   | 9.7  | 16.8 | 4.8  | 17.5 | 19.1 | 19.1 | 14.7       | 11.2        |
| 3/8             | 1/4      | F6-BMC-NPT4-   | 57.4   | 14.2 | 16.8 | 7.1  | 17.5 | 19.1 | 19.1 | 14.7       | 11.2        |
| 3/8             | 3/8      | F6-BMC-NPT6-   | 57.4   | 14.2 | 16.8 | 7.1  | 17.5 | 19.1 | 19.1 | 14.7       | 11.2        |
| 3/8             | 1/2      | F6-BMC-NPT8-   | 63.8   | 19.1 | 16.8 | 7.1  | 17.5 | 22.2 | 19.1 | 14.7       | 11.2        |
| 1/2             | 1/8      | F8-BMC-NPT2-   | 58.7   | 9.7  | 22.9 | 4.8  | 22.2 | 23.8 | 23.8 | 19.4       | 12.7        |
| 1/2             | 1/4      | F8-BMC-NPT4-   | 63.2   | 14.2 | 22.9 | 7.1  | 22.2 | 23.8 | 23.8 | 19.4       | 12.7        |
| 1/2             | 3/8      | F8-BMC-NPT6-   | 63.2   | 14.2 | 22.9 | 9.7  | 22.2 | 23.8 | 23.8 | 19.4       | 12.7        |
| 1/2             | 1/2      | F8-BMC-NPT8-   | 68.8   | 19.1 | 22.9 | 10.4 | 22.2 | 23.8 | 23.8 | 19.4       | 12.7        |
| 5/8             | 3/8      | F10-BMC-NPT6-  | 66.7   | 14.2 | 24.4 | 9.7  | 25.4 | 27.0 | 27.0 | 22.6       | 15.1        |
| 5/8             | 1/2      | F10-BMC-NPT8-  | 71.5   | 19.1 | 24.4 | 11.9 | 25.4 | 27.0 | 27.0 | 22.6       | 15.1        |
| 3/4             | 1/2      | F12-BMC-NPT8-  | 76.2   | 19.1 | 24.4 | 11.9 | 28.6 | 30.2 | 30.2 | 25.8       | 16.8        |
| 3/4             | 3/4      | F12-BMC-NPT12- | 76.2   | 19.1 | 24.4 | 15.7 | 28.6 | 30.2 | 30.2 | 25.8       | 16.8        |
| 7/8             | 3/4      | F14-BMC-NPT12- | 84.1   | 19.1 | 25.9 | 15.7 | 31.8 | 33.3 | 33.3 | 29.0       | 19.1        |
| 1               | 3/4      | F16-BMC-NPT12- | 88.4   | 19.1 | 31.2 | 15.7 | 38.1 | 41.3 | 41.3 | 33.7       | 19.1        |
| 1               | 1        | F16-BMC-NPT16- | 93.2   | 23.9 | 31.2 | 22.4 | 38.1 | 41.3 | 41.3 | 33.7       | 19.1        |

公制雙卡套穿板陽螺紋直通

NPT螺紋

| T-Tube 外徑 (mm) | P-NPT 尺寸 | 基本訂購資訊        | 尺寸, mm |      |      |     |    |    |    | 安裝孔尺寸 (mm) | 最大面板厚度 (mm) |
|----------------|----------|---------------|--------|------|------|-----|----|----|----|------------|-------------|
|                |          |               | L      | B    | C    | E   | G  | F  | Gx |            |             |
| 6              | 1/8      | M6-BMC-NPT2-  | 49.6   | 9.7  | 15.3 | 4.8 | 14 | 16 | 16 | 11.5       | 10.2        |
| 6              | 1/4      | M6-BMC-NPT4-  | 53.6   | 14.2 | 15.3 | 4.8 | 14 | 16 | 16 | 11.5       | 10.2        |
| 8              | 1/8      | M8-BMC-NPT2-  | 52.3   | 9.7  | 16.2 | 4.8 | 16 | 18 | 18 | 13.1       | 11.2        |
| 8              | 1/4      | M8-BMC-NPT4-  | 57.5   | 14.2 | 16.2 | 6.4 | 16 | 18 | 18 | 13.1       | 11.2        |
| 10             | 1/4      | M10-BMC-NPT4- | 58.4   | 14.2 | 17.2 | 7.9 | 19 | 22 | 22 | 16.3       | 11.2        |
| 10             | 3/8      | M10-BMC-NPT6- | 58.4   | 14.2 | 17.2 | 7.9 | 19 | 22 | 22 | 16.3       | 11.2        |
| 10             | 1/2      | M10-BMC-NPT8- | 63.1   | 19.1 | 17.2 | 7.9 | 19 | 22 | 22 | 16.3       | 11.2        |
| 12             | 1/4      | M12-BMC-NPT4- | 63.9   | 14.2 | 22.8 | 7.9 | 22 | 24 | 24 | 19.5       | 12.7        |
| 12             | 3/8      | M12-BMC-NPT6- | 63.9   | 14.2 | 22.8 | 9.5 | 22 | 24 | 24 | 19.5       | 12.7        |
| 12             | 1/2      | M12-BMC-NPT8- | 68.8   | 19.1 | 22.8 | 9.5 | 22 | 24 | 24 | 19.5       | 12.7        |

雙卡套穿板陽螺紋直通

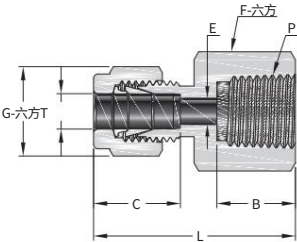


英制雙卡套穿板陽螺紋直通

37 獵口陽螺紋(AN)

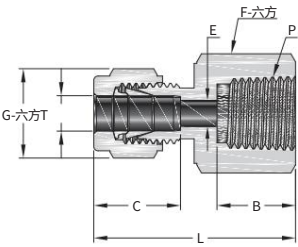
| T-Tube 外<br>徑(in.) | AN Tube<br>Flare<br>尺寸 | 基本訂購資訊        | 尺寸, in.(mm) |             |             |             |             |             |             | 安裝孔尺寸<br>(mm) | 最大面板厚<br>度<br>(mm) |
|--------------------|------------------------|---------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|--------------------|
|                    |                        |               | L           | B           | C           | E           | G           | F           | Gx          |               |                    |
| 1/8                | 1/8                    | F2-BMC-AN2-   | 1.91 (48.5) | 0.45 (11.4) | 0.50 (12.7) | 0.06 (1.5)  | 0.44 (11.1) | 0.50 (12.7) | 0.50 (12.7) | 0.33 (8.3)    | 0.50 (12.7)        |
| 1/8                | 1/4                    | F2-BMC-AN4-   | 2.04 (51.8) | 0.55 (14.0) | 0.50 (12.7) | 0.09 (2.3)  | 0.44 (11.1) | 0.63 (15.9) | 0.50 (12.7) | 0.33 (8.3)    | 0.51 (12.7)        |
| 3/16               | 3/16                   | F3-BMC-AN3-   | 1.98 (50.3) | 0.48 (12.2) | 0.54 (13.7) | 0.09 (2.3)  | 0.50 (12.7) | 0.56 (14.3) | 0.56 (14.3) | 0.39 (9.9)    | 0.50 (12.7)        |
| 1/4                | 1/4                    | F4-BMC-AN4-   | 2.12 (53.8) | 0.55 (14.0) | 0.60 (15.2) | 0.17 (4.3)  | 0.56 (14.3) | 0.63 (15.9) | 0.63 (15.9) | 0.45 (11.5)   | 0.40 (10.2)        |
| 5/16               | 5/16                   | F5-BMC-AN5-   | 2.21 (56.1) | 0.55 (14.0) | 0.64 (16.2) | 0.23 (5.8)  | 0.63 (15.9) | 0.69 (17.5) | 0.69 (17.5) | 0.52 (13.1)   | 0.56 (14.3)        |
| 3/8                | 1/4                    | F6-BMC-AN4-   | 2.25 (57.2) | 0.55 (14.0) | 0.66 (16.8) | 0.17 (4.3)  | 0.69 (17.5) | 0.75 (19.1) | 0.75 (19.1) | 0.58 (14.7)   | 0.44 (11.2)        |
| 3/8                | 3/8                    | F6-BMC-AN6-   | 2.25 (57.2) | 0.56 (14.2) | 0.66 (16.8) | 0.28 (7.1)  | 0.69 (17.5) | 0.75 (19.1) | 0.75 (19.1) | 0.58 (14.7)   | 0.44 (11.2)        |
| 1/2                | 1/2                    | F8-BMC-AN8-   | 2.59 (65.8) | 0.66 (16.8) | 0.90 (22.8) | 0.39 (9.9)  | 0.87 (22.2) | 0.94 (23.8) | 0.94 (23.8) | 0.76 (19.4)   | 0.50 (12.7)        |
| 5/8                | 5/8                    | F10-BMC-AN10- | 2.74 (69.6) | 0.76 (19.3) | 0.96 (24.4) | 0.48 (12.3) | 1.00 (25.4) | 1.06 (27.0) | 1.06 (27.0) | 0.89 (22.6)   | 0.59 (15.1)        |
| 3/4                | 3/4                    | F12-BMC-AN12- | 3.11 (79.0) | 0.86 (21.8) | 0.96 (24.4) | 0.61 (15.5) | 1.13 (28.6) | 1.19 (30.2) | 1.19 (30.2) | 1.02 (25.8)   | 0.66 (16.8)        |
| 1                  | 1                      | F16-BMC-AN16- | 3.64 (92.5) | 0.91 (23.1) | 1.23 (31.2) | 0.84 (21.3) | 1.50 (38.1) | 1.63 (41.3) | 1.63 (41.3) | 1.33 (33.7)   | 0.75 (19.1)        |

雙卡套陰螺紋直通



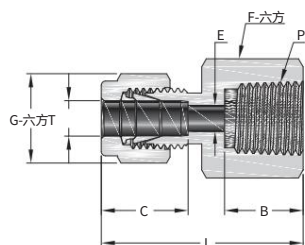
| 英制雙卡套陰螺紋直通     |          |                | NPT螺紋  |      |      |      |      |      |
|----------------|----------|----------------|--------|------|------|------|------|------|
| T-Tube 外徑(in.) | P-NPT 尺寸 | 基本訂購資訊         | 尺寸, mm |      |      |      |      |      |
|                |          |                | L      | B    | C    | E    | G    | F    |
| 1/16           | 1/16     | F1-FC-FNPT1-   | 23.6   | 9.9  | 8.6  | 1.3  | 7.9  | 11.1 |
| 1/16           | 1/8      | F1-FC-FNPT2-   | 24.4   | 10.4 | 8.6  | 1.3  | 7.9  | 14.3 |
| 1/8            | 1/8      | F2-FC-FNPT2-   | 28.7   | 10.4 | 12.7 | 2.3  | 11.1 | 14.3 |
| 1/8            | 1/4      | F2-FC-FNPT4-   | 33.5   | 15.0 | 12.7 | 2.3  | 11.1 | 19.1 |
| 3/16           | 1/8      | F3-FC-FNPT2-   | 29.7   | 10.4 | 13.7 | 3.0  | 12.7 | 14.3 |
| 1/4            | 1/8      | F4-FC-FNPT2-   | 31.2   | 10.4 | 15.2 | 4.8  | 14.3 | 14.3 |
| 1/4            | 1/4      | F4-FC-FNPT4-   | 35.8   | 15.0 | 15.2 | 4.8  | 14.3 | 19.1 |
| 1/4            | 3/8      | F4-FC-FNPT6-   | 37.6   | 15.0 | 15.2 | 4.8  | 14.3 | 22.2 |
| 1/4            | 1/2      | F4-FC-FNPT8-   | 42.4   | 19.8 | 15.2 | 4.8  | 14.3 | 27.0 |
| 5/16           | 1/8      | F5-FC-FNPT2-   | 32.0   | 10.4 | 16.3 | 6.4  | 15.9 | 14.3 |
| 5/16           | 1/4      | F5-FC-FNPT4-   | 36.8   | 15.0 | 16.3 | 6.4  | 15.9 | 19.1 |
| 3/8            | 1/8      | F6-FC-FNPT2-   | 32.8   | 10.4 | 16.8 | 7.1  | 17.5 | 15.9 |
| 3/8            | 1/4      | F6-FC-FNPT4-   | 37.6   | 15.0 | 16.8 | 7.1  | 17.5 | 19.1 |
| 3/8            | 3/8      | F6-FC-FNPT6-   | 39.1   | 15.0 | 16.8 | 7.1  | 17.5 | 22.2 |
| 3/8            | 1/2      | F6-FC-FNPT8-   | 43.9   | 19.8 | 16.8 | 7.1  | 17.5 | 27.0 |
| 3/8            | 3/4      | F6-FC-FNPT12-  | 47.8   | 20.6 | 16.8 | 7.1  | 17.5 | 33.3 |
| 1/2            | 1/4      | F8-FC-FNPT4-   | 40.4   | 15.0 | 22.9 | 10.4 | 22.2 | 20.6 |
| 1/2            | 3/8      | F8-FC-FNPT6-   | 41.9   | 15.0 | 22.9 | 10.4 | 22.2 | 22.2 |
| 1/2            | 1/2      | F8-FC-FNPT8-   | 46.7   | 19.8 | 22.9 | 10.4 | 22.2 | 27.0 |
| 1/2            | 3/4      | F8-FC-FNPT12-  | 48.3   | 20.6 | 22.9 | 10.4 | 22.2 | 33.3 |
| 5/8            | 3/8      | F10-FC-FNPT6-  | 41.9   | 15.0 | 24.4 | 12.7 | 25.4 | 23.8 |
| 5/8            | 1/2      | F10-FC-FNPT8-  | 46.7   | 19.8 | 24.4 | 12.7 | 25.4 | 27.0 |
| 3/4            | 1/2      | F12-FC-FNPT8-  | 46.7   | 19.8 | 24.4 | 15.7 | 28.6 | 27.0 |
| 3/4            | 3/4      | F12-FC-FNPT12- | 48.3   | 20.6 | 24.4 | 15.7 | 28.6 | 33.3 |
| 7/8            | 3/4      | F14-FC-FNPT12- | 49.8   | 20.6 | 25.9 | 18.3 | 31.8 | 33.3 |
| 1              | 3/4      | F16-FC-FNPT12- | 53.3   | 20.6 | 31.2 | 22.4 | 38.1 | 34.9 |
| 1              | 1        | F16-FC-FNPT16- | 62.2   | 25.4 | 31.2 | 22.4 | 38.1 | 41.3 |
| 1 1/4          | 1 1/4    | F20-FC-FNPT20- | 74.7   | 25.4 | 41.1 | 27.7 | 47.6 | 54.0 |
| 1 1/2          | 1 1/2    | F24-FC-FNPT24- | 83.3   | 27.7 | 50.0 | 36.3 | 57.2 | 60.3 |

雙卡套陰螺紋直通



| 公制雙卡套陰螺紋直通     |          |                | NPT螺紋  |      |      |      |    |    |
|----------------|----------|----------------|--------|------|------|------|----|----|
| T-Tube 外徑 (mm) | P-NPT 尺寸 | 基本訂購資訊         | 尺寸, mm |      |      |      |    |    |
|                |          |                | L      | B    | C    | E    | G  | F  |
| 3              | 1/8      | M3-FC-FNPT2-   | 28.7   | 10.4 | 12.9 | 2.4  | 12 | 14 |
| 3              | 1/4      | M3-FC-FNPT4-   | 33.5   | 15.0 | 12.9 | 2.4  | 12 | 19 |
| 4              | 1/8      | M4-FC-FNPT2-   | 29.7   | 10.4 | 13.7 | 2.4  | 12 | 14 |
| 6              | 1/8      | M6-FC-FNPT2-   | 31.3   | 10.4 | 15.3 | 4.8  | 14 | 14 |
| 6              | 1/4      | M6-FC-FNPT4-   | 35.8   | 15.0 | 15.3 | 4.8  | 14 | 19 |
| 6              | 3/8      | M6-FC-FNPT6-   | 37.7   | 15.0 | 15.3 | 4.8  | 14 | 22 |
| 6              | 1/2      | M6-FC-FNPT8-   | 42.5   | 19.8 | 15.3 | 4.8  | 14 | 27 |
| 8              | 1/8      | M8-FC-FNPT2-   | 32.1   | 10.4 | 16.2 | 6.4  | 16 | 15 |
| 8              | 1/4      | M8-FC-FNPT4-   | 37.0   | 15.0 | 16.2 | 6.4  | 16 | 19 |
| 8              | 3/8      | M8-FC-FNPT6-   | 38.5   | 15.0 | 16.2 | 6.4  | 16 | 22 |
| 8              | 1/2      | M8-FC-FNPT8-   | 43.3   | 19.8 | 16.2 | 6.4  | 16 | 27 |
| 10             | 1/8      | M10-FC-FNPT2-  | 33.0   | 10.4 | 17.2 | 6.4  | 19 | 18 |
| 10             | 1/4      | M10-FC-FNPT4-  | 37.8   | 15.0 | 17.2 | 7.9  | 19 | 19 |
| 10             | 3/8      | M10-FC-FNPT6-  | 39.4   | 15.0 | 17.2 | 7.9  | 19 | 22 |
| 10             | 1/2      | M10-FC-FNPT8-  | 44.2   | 19.8 | 17.2 | 7.9  | 19 | 27 |
| 12             | 1/4      | M12-FC-FNPT4-  | 40.3   | 15.0 | 22.8 | 7.9  | 22 | 22 |
| 12             | 3/8      | M12-FC-FNPT6-  | 41.9   | 15.0 | 22.8 | 9.5  | 22 | 22 |
| 12             | 1/2      | M12-FC-FNPT8-  | 46.7   | 19.8 | 22.8 | 9.5  | 22 | 27 |
| 12             | 3/4      | M12-FC-FNPT12- | 49.7   | 20.6 | 22.8 | 9.5  | 22 | 35 |
| 14             | 3/4      | M14-FC-FNPT12- | 49.7   | 20.6 | 24.4 | 11.1 | 25 | 35 |
| 15             | 1/2      | M15-FC-FNPT8-  | 46.7   | 19.8 | 24.4 | 11.9 | 25 | 27 |
| 16             | 3/8      | M16-FC-FNPT6-  | 41.9   | 15.0 | 24.4 | 9.5  | 25 | 27 |
| 16             | 1/2      | M16-FC-FNPT8-  | 46.9   | 19.8 | 24.4 | 11.9 | 25 | 27 |
| 20             | 1/2      | M20-FC-FNPT8-  | 47.9   | 19.8 | 26.0 | 11.9 | 32 | 30 |
| 20             | 3/4      | M20-FC-FNPT12- | 49.7   | 20.6 | 26.0 | 15.9 | 32 | 35 |
| 22             | 3/4      | M22-FC-FNPT12- | 49.7   | 20.6 | 26.0 | 15.9 | 32 | 35 |
| 22             | 1        | M22-FC-FNPT16- | 57.9   | 25.4 | 26.0 | 18.3 | 32 | 41 |
| 25             | 3/4      | M25-FC-FNPT12- | 53.4   | 20.6 | 31.3 | 15.9 | 38 | 35 |
| 25             | 1        | M25-FC-FNPT16- | 62.3   | 25.4 | 31.3 | 21.8 | 38 | 41 |

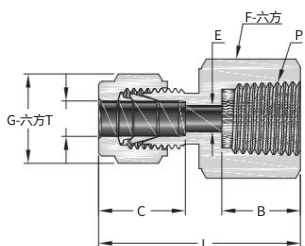
## 雙卡套陰螺紋直通



英制雙卡套陰螺紋直通

ISO錐形螺紋(BSPT)

| T-Tube 外徑(in.) | P-BSPT 尺寸 | 基本訂購資訊      | 尺寸, mm |      |      |      |      |      |
|----------------|-----------|-------------|--------|------|------|------|------|------|
|                |           |             | L      | B    | C    | E    | G    | F    |
| 1/4            | 1/8       | F4-FC-FBT2- | 31.2   | 10.4 | 15.2 | 4.8  | 14.3 | 14.3 |
| 1/4            | 1/4       | F4-FC-FBT4- | 35.8   | 15.0 | 15.2 | 4.8  | 14.3 | 19.1 |
| 1/4            | 3/8       | F4-FC-FBT6- | 37.6   | 15.0 | 15.2 | 4.8  | 14.3 | 22.2 |
| 1/4            | 1/2       | F4-FC-FBT8- | 42.4   | 19.8 | 15.2 | 4.8  | 14.3 | 27.0 |
| 3/8            | 1/4       | F6-FC-FBT4- | 37.6   | 15.0 | 16.8 | 7.1  | 17.5 | 19.1 |
| 3/8            | 3/8       | F6-FC-FBT6- | 39.1   | 15.0 | 16.8 | 7.1  | 17.5 | 22.2 |
| 3/8            | 1/2       | F6-FC-FBT8- | 43.9   | 19.8 | 16.8 | 7.1  | 17.5 | 27.0 |
| 1/2            | 1/4       | F8-FC-FBT4- | 40.4   | 15.0 | 22.9 | 10.4 | 22.2 | 20.6 |
| 1/2            | 3/8       | F8-FC-FBT6- | 41.9   | 15.0 | 22.9 | 10.4 | 22.2 | 22.2 |
| 1/2            | 1/2       | F8-FC-FBT8- | 46.7   | 19.8 | 22.9 | 10.4 | 22.2 | 27.0 |

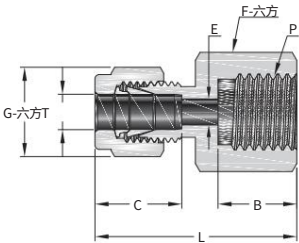


公制雙卡套陰螺紋直通

ISO錐形螺紋(BSPT)

| T-Tube 外徑(mm) | P-BSPT 尺寸 | 基本訂購資訊        | 尺寸, mm |      |      |      |    |    |
|---------------|-----------|---------------|--------|------|------|------|----|----|
|               |           |               | L      | B    | C    | E    | G  | F  |
| 3             | 1/8       | M3-FC-FBT2-   | 28.7   | 10.4 | 12.9 | 2.4  | 12 | 14 |
| 6             | 1/8       | M6-FC-FBT2-   | 31.3   | 10.4 | 15.3 | 4.8  | 14 | 14 |
| 6             | 1/4       | M6-FC-FBT4-   | 35.8   | 15.0 | 15.3 | 4.8  | 14 | 19 |
| 6             | 3/8       | M6-FC-FBT6-   | 36.9   | 15.0 | 15.3 | 4.8  | 14 | 22 |
| 6             | 1/2       | M6-FC-FBT8-   | 42.5   | 19.8 | 15.3 | 4.8  | 14 | 27 |
| 8             | 1/8       | M8-FC-FBT2-   | 32.1   | 10.4 | 16.2 | 6.4  | 16 | 15 |
| 8             | 1/4       | M8-FC-FBT4-   | 37.0   | 15.0 | 16.2 | 6.4  | 16 | 19 |
| 8             | 3/8       | M8-FC-FBT6-   | 38.5   | 15.0 | 16.2 | 6.4  | 16 | 22 |
| 8             | 1/2       | M8-FC-FBT8-   | 43.3   | 19.8 | 16.2 | 6.4  | 16 | 27 |
| 10            | 1/8       | M10-FC-FBT2-  | 33.0   | 10.4 | 17.2 | 7.9  | 19 | 18 |
| 10            | 1/4       | M10-FC-FBT4-  | 37.8   | 15.0 | 17.2 | 7.9  | 19 | 19 |
| 10            | 3/8       | M10-FC-FBT6-  | 39.4   | 15.0 | 17.2 | 7.9  | 19 | 22 |
| 10            | 1/2       | M10-FC-FBT8-  | 44.2   | 19.8 | 17.2 | 7.9  | 19 | 27 |
| 12            | 1/8       | M12-FC-FBT2-  | 35.5   | 10.4 | 22.8 | 8.3  | 22 | 22 |
| 12            | 1/4       | M12-FC-FBT4-  | 40.3   | 15.0 | 22.8 | 9.5  | 22 | 22 |
| 12            | 3/8       | M12-FC-FBT6-  | 41.9   | 15.0 | 22.8 | 9.5  | 22 | 22 |
| 12            | 1/2       | M12-FC-FBT8-  | 46.7   | 19.8 | 22.8 | 9.5  | 22 | 27 |
| 12            | 3/4       | M12-FC-FBT12- | 49.0   | 20.6 | 22.8 | 9.5  | 22 | 35 |
| 15            | 1/2       | M15-FC-FBT8-  | 46.7   | 19.8 | 24.4 | 11.9 | 25 | 27 |
| 16            | 1/2       | M16-FC-FBT8-  | 48.4   | 19.8 | 24.4 | 11.9 | 25 | 27 |
| 16            | 3/4       | M16-FC-FBT12- | 49.7   | 20.6 | 24.4 | 12.7 | 25 | 35 |
| 20            | 1/2       | M20-FC-FBT8-  | 47.9   | 19.8 | 26.0 | 11.9 | 32 | 30 |
| 20            | 3/4       | M20-FC-FBT12- | 49.7   | 20.6 | 26.0 | 15.9 | 32 | 35 |
| 22            | 3/4       | M22-FC-FBT12- | 49.7   | 20.6 | 26.0 | 15.9 | 32 | 35 |
| 22            | 1         | M22-FC-FBT16- | 57.9   | 25.4 | 26.0 | 18.3 | 32 | 41 |
| 25            | 3/4       | M25-FC-FBT12- | 53.4   | 20.6 | 31.3 | 15.9 | 38 | 35 |
| 25            | 1         | M25-FC-FBT16- | 62.3   | 25.4 | 31.3 | 21.8 | 38 | 41 |

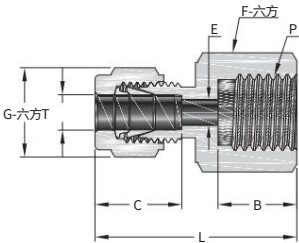
雙卡套陰螺紋直通



英制雙卡套陰螺紋直通

ISO平行螺紋(BG)

| T-Tube 外徑(in.) | P-BG 尺寸 | 基本訂購資訊      | 尺寸, mm |      |      |     |      |      |
|----------------|---------|-------------|--------|------|------|-----|------|------|
|                |         |             | L      | B    | C    | E   | G    | F    |
| 1/8            | 1/4     | F2-FC-FBP4- | 35.3   | 12.9 | 12.7 | 2.3 | 11.1 | 19.1 |
| 1/8            | 3/8     | F2-FC-FBP6- | 38.7   | 14.2 | 12.7 | 2.3 | 11.1 | 23.8 |
| 1/4            | 1/4     | F4-FC-FBP4- | 37.6   | 12.9 | 15.2 | 4.8 | 14.3 | 19.1 |
| 1/4            | 3/8     | F4-FC-FBP6- | 37.6   | 14.2 | 15.2 | 4.8 | 14.3 | 23.8 |
| 1/4            | 1/2     | F4-FC-FBP8- | 43.4   | 18.8 | 15.2 | 4.8 | 14.3 | 27.0 |
| 5/16           | 1/4     | F5-FC-FBP4- | 38.4   | 12.9 | 16.3 | 5.6 | 15.9 | 19.1 |
| 5/16           | 3/8     | F5-FC-FBP6- | 39.2   | 14.2 | 16.3 | 6.4 | 15.9 | 23.8 |
| 5/16           | 1/2     | F5-FC-FBP8- | 40.9   | 18.8 | 16.3 | 7.1 | 15.9 | 27.0 |
| 3/8            | 1/4     | F6-FC-FBP4- | 39.1   | 12.9 | 16.8 | 5.6 | 17.5 | 19.1 |
| 3/8            | 3/8     | F6-FC-FBP6- | 38.6   | 14.2 | 16.8 | 6.4 | 17.5 | 23.8 |
| 3/8            | 1/2     | F6-FC-FBP8- | 41.9   | 18.8 | 16.8 | 7.1 | 17.5 | 27.0 |
| 1/2            | 1/4     | F8-FC-FBP4- | 41.9   | 12.9 | 22.9 | 5.6 | 22.2 | 22.2 |
| 1/2            | 3/8     | F8-FC-FBP6- | 44.5   | 14.2 | 22.9 | 6.4 | 22.2 | 23.8 |
| 1/2            | 1/2     | F8-FC-FBP8- | 48.3   | 18.8 | 22.9 | 7.1 | 22.2 | 27.0 |

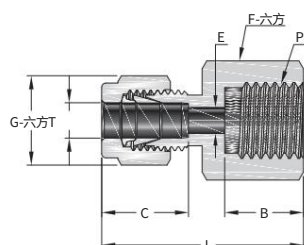


公制雙卡套陰螺紋直通

ISO平行螺紋(BG)

| T-Tube 外徑(mm) | P-BG 尺寸 | 基本訂購資訊       | 尺寸, mm |      |      |      |    |    |
|---------------|---------|--------------|--------|------|------|------|----|----|
|               |         |              | L      | B    | C    | E    | G  | F  |
| 3             | 1/4     | M3-FC-FBP4-  | 35.3   | 12.9 | 12.9 | 2.4  | 12 | 19 |
| 6             | 1/4     | M6-FC-FBP4-  | 37.6   | 12.9 | 15.3 | 4.8  | 14 | 19 |
| 6             | 3/8     | M6-FC-FBP6-  | 37.6   | 14.2 | 15.3 | 4.8  | 14 | 24 |
| 6             | 1/2     | M6-FC-FBP8-  | 43.5   | 18.8 | 15.3 | 4.8  | 14 | 27 |
| 8             | 1/4     | M8-FC-FBP4-  | 38.5   | 12.9 | 16.2 | 6.4  | 16 | 19 |
| 8             | 3/8     | M8-FC-FBP6-  | 36.2   | 14.2 | 16.2 | 6.4  | 16 | 24 |
| 8             | 1/2     | M8-FC-FBP8-  | 41.0   | 18.8 | 16.2 | 6.4  | 16 | 27 |
| 10            | 1/4     | M10-FC-FBP4- | 39.4   | 12.9 | 17.2 | 5.9  | 19 | 19 |
| 10            | 3/8     | M10-FC-FBP6- | 38.8   | 14.2 | 17.2 | 7.9  | 19 | 24 |
| 10            | 1/2     | M10-FC-FBP8- | 42.1   | 18.8 | 17.2 | 7.9  | 19 | 27 |
| 12            | 1/4     | M12-FC-FBP4- | 41.9   | 12.9 | 22.8 | 5.9  | 22 | 22 |
| 12            | 3/8     | M12-FC-FBP6- | 44.4   | 14.2 | 22.8 | 7.9  | 22 | 24 |
| 12            | 1/2     | M12-FC-FBP8- | 48.2   | 18.8 | 22.8 | 9.5  | 22 | 27 |
| 20            | 1/2     | M20-FC-FBP8- | 54.3   | 18.8 | 26.0 | 11.9 | 32 | 30 |
| 22            | 1/2     | M22-FC-FBP8- | 54.3   | 18.8 | 26.0 | 11.9 | 32 | 30 |

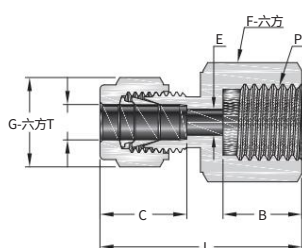
## 雙卡套陰螺紋直通



英制雙卡套陰螺紋直通

公制螺紋

| T-Tube 外徑(in.) | P-公制螺紋尺寸  | 基本訂購資訊       | 尺寸, mm |    |      |      |      |      |
|----------------|-----------|--------------|--------|----|------|------|------|------|
|                |           |              | L      | B  | C    | E    | G    | F    |
| 1/8            | M14 x 1.5 | F2-FC-FMS14- | 32.3   | 13 | 12.7 | 2.3  | 11.1 | 19.1 |
| 1/8            | M16 x 1.5 | F2-FC-FMS16- | 33.3   | 14 | 12.7 | 2.3  | 11.1 | 22.2 |
| 1/8            | M18 x 1.5 | F2-FC-FMS18- | 34.3   | 15 | 12.7 | 2.3  | 11.1 | 25.4 |
| 1/8            | M20 x 1.5 | F2-FC-FMS20- | 35.3   | 16 | 12.7 | 2.3  | 11.1 | 27.0 |
| 1/4            | M16 x 1.5 | F4-FC-FMS16- | 35.8   | 14 | 15.2 | 4.8  | 14.3 | 22.2 |
| 1/4            | M18 x 1.5 | F4-FC-FMS18- | 36.8   | 15 | 15.2 | 4.8  | 14.3 | 25.4 |
| 1/4            | M20 x 1.5 | F4-FC-FMS20- | 37.8   | 16 | 15.2 | 4.8  | 14.3 | 27.0 |
| 3/8            | M14 x 1.5 | F6-FC-FMS14- | 37.1   | 13 | 16.8 | 7.1  | 17.5 | 19.1 |
| 3/8            | M16 x 1.5 | F6-FC-FMS16- | 37.5   | 14 | 16.8 | 7.1  | 17.5 | 22.2 |
| 3/8            | M18 x 1.5 | F6-FC-FMS18- | 38.5   | 15 | 16.8 | 7.1  | 17.5 | 25.4 |
| 3/8            | M20 x 1.5 | F6-FC-FMS20- | 39.5   | 16 | 16.8 | 7.1  | 17.5 | 27.0 |
| 1/2            | M16 x 1.5 | F8-FC-FMS16- | 41.4   | 14 | 22.9 | 8.4  | 22.2 | 22.2 |
| 1/2            | M18 x 1.5 | F8-FC-FMS18- | 42.4   | 15 | 22.9 | 9.6  | 22.2 | 25.4 |
| 1/2            | M20 x 1.5 | F8-FC-FMS20- | 43.4   | 16 | 22.9 | 10.4 | 22.2 | 27.0 |
| 1/2            | M22 x 1.5 | F8-FC-FMS22- | 44.4   | 17 | 22.9 | 10.4 | 22.2 | 27.0 |

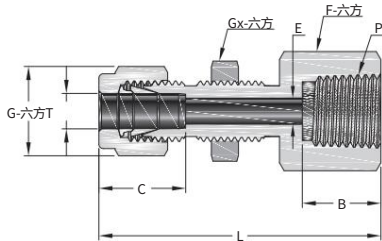


公制雙卡套陰螺紋直通

公制螺紋

| T-Tube 外徑(mm) | P-公制螺紋尺寸  | 基本訂購資訊        | 尺寸, mm |    |      |      |    |    |
|---------------|-----------|---------------|--------|----|------|------|----|----|
|               |           |               | L      | B  | C    | E    | G  | F  |
| 6             | M10 x 1   | M6-FC-FMS10-  | 32.7   | 11 | 15.3 | 4.0  | 14 | 16 |
| 6             | M14 x 1.5 | M6-FC-FMS14-  | 34.7   | 13 | 15.3 | 4.8  | 14 | 19 |
| 6             | M20 x 1.5 | M6-FC-FMS20-  | 37.7   | 16 | 15.3 | 4.8  | 14 | 27 |
| 8             | M8 x 1    | M8-FC-FMS8-   | 31.6   | 9  | 16.2 | 3.2  | 16 | 14 |
| 8             | M10 x 1   | M8-FC-FMS10-  | 33.6   | 11 | 16.2 | 4.0  | 16 | 16 |
| 8             | M14 x 1.5 | M8-FC-FMS14-  | 35.6   | 13 | 16.2 | 6.0  | 16 | 19 |
| 8             | M20 x 1.5 | M8-FC-FMS20-  | 38.6   | 16 | 16.2 | 6.4  | 16 | 27 |
| 10            | M16 x 1.5 | M10-FC-FMS16- | 38.1   | 14 | 17.2 | 7.9  | 19 | 22 |
| 12            | M20 x 1.5 | M12-FC-FMS20- | 44.9   | 16 | 22.8 | 9.5  | 22 | 27 |
| 14            | M10 x 1   | M14-FC-FMS10- | 42.5   | 11 | 24.4 | 4.0  | 25 | 24 |
| 14            | M20 x 1.5 | M14-FC-FMS20- | 44.9   | 16 | 24.4 | 10.8 | 25 | 27 |
| 14            | M22 x 1.5 | M14-FC-FMS22- | 45.9   | 17 | 24.4 | 11.1 | 25 | 27 |
| 16            | M20 x 1.5 | M16-FC-FMS20- | 44.9   | 16 | 24.4 | 10.8 | 26 | 27 |
| 20            | M20 x 1.5 | M20-FC-FMS20- | 46.5   | 16 | 26.0 | 10.8 | 32 | 30 |
| 25            | M27 x 2   | M25-FC-FMS27- | 54.4   | 18 | 31.3 | 16.1 | 38 | 35 |

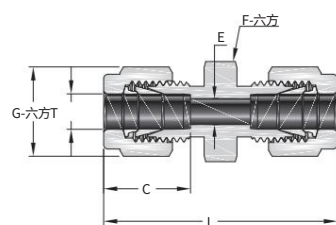
雙卡套穿板陰螺紋直通



| 英制雙卡套穿板陰螺紋直通       |              |                 |        |      |      |      |      |      |      |               | NPT螺紋          |
|--------------------|--------------|-----------------|--------|------|------|------|------|------|------|---------------|----------------|
| T-Tube 外<br>徑(in.) | P-NPT 尺<br>寸 | 基本訂購資訊          | 尺寸, mm |      |      |      |      |      |      | 安裝孔尺寸<br>(mm) | 最大面板厚度<br>(mm) |
|                    |              |                 | L      | B    | C    | E    | G    | F    | Gx   |               |                |
| 1/16               | 1/16         | F1-BFC-FNPT1-   | 26.2   | 9.9  | 8.6  | 1.3  | 7.9  | 11.1 | 7.9  | 5.2           | 3.2            |
| 1/16               | 1/8          | F1-BFC-FNPT2-   | 26.9   | 10.4 | 8.6  | 1.3  | 7.9  | 14.3 | 7.9  | 5.2           | 3.2            |
| 1/8                | 1/8          | F2-BFC-FNPT2-   | 44.7   | 10.4 | 12.7 | 2.3  | 11.1 | 14.3 | 12.7 | 8.3           | 12.7           |
| 1/8                | 1/4          | F2-BFC-FNPT4-   | 49.6   | 15.0 | 12.7 | 2.3  | 11.1 | 19.1 | 12.7 | 8.3           | 12.7           |
| 3/16               | 1/8          | F3-BFC-FNPT2-   | 45.5   | 10.4 | 13.7 | 3.0  | 12.7 | 14.3 | 14.3 | 9.9           | 12.7           |
| 1/4                | 1/8          | F4-BFC-FNPT2-   | 47.0   | 10.4 | 15.2 | 4.8  | 14.3 | 15.9 | 15.9 | 11.5          | 10.2           |
| 1/4                | 1/4          | F4-BFC-FNPT4-   | 51.8   | 15.0 | 15.2 | 4.8  | 14.3 | 19.1 | 15.9 | 11.5          | 10.2           |
| 1/4                | 3/8          | F4-BFC-FNPT6-   | 53.3   | 15.0 | 15.2 | 4.8  | 14.3 | 22.2 | 15.9 | 11.5          | 10.2           |
| 1/4                | 1/2          | F4-BFC-FNPT8-   | 58.2   | 19.8 | 15.2 | 4.8  | 14.3 | 27.0 | 15.9 | 11.5          | 10.2           |
| 5/16               | 1/8          | F5-BFC-FNPT2-   | 49.8   | 10.4 | 16.3 | 6.4  | 15.9 | 14.3 | 17.5 | 13.1          | 11.2           |
| 5/16               | 1/4          | F5-BFC-FNPT4-   | 60.5   | 15.0 | 16.3 | 6.4  | 15.9 | 19.1 | 17.5 | 13.1          | 11.2           |
| 3/8                | 1/8          | F6-BFC-FNPT2-   | 50.3   | 10.4 | 16.8 | 7.1  | 17.5 | 15.9 | 19.1 | 14.5          | 11.2           |
| 3/8                | 1/4          | F6-BFC-FNPT4-   | 55.1   | 15.0 | 16.8 | 7.1  | 17.5 | 19.1 | 19.1 | 14.5          | 11.2           |
| 3/8                | 3/8          | F6-BFC-FNPT6-   | 56.6   | 15.0 | 16.8 | 7.1  | 17.5 | 22.2 | 19.1 | 14.5          | 11.2           |
| 3/8                | 1/2          | F6-BFC-FNPT8-   | 61.5   | 19.8 | 16.8 | 7.1  | 17.5 | 27.0 | 19.1 | 14.5          | 11.2           |
| 3/8                | 3/4          | F6-BFC-FNPT12-  | 65.3   | 20.6 | 16.8 | 7.1  | 17.5 | 33.3 | 19.1 | 14.5          | 11.2           |
| 1/2                | 1/4          | F8-BFC-FNPT4-   | 60.2   | 15.0 | 22.9 | 10.4 | 22.2 | 23.8 | 23.8 | 19.4          | 12.7           |
| 1/2                | 3/8          | F8-BFC-FNPT6-   | 61.7   | 15.0 | 22.9 | 10.4 | 22.2 | 23.8 | 23.8 | 19.4          | 12.7           |
| 1/2                | 1/2          | F8-BFC-FNPT8-   | 66.5   | 19.8 | 22.9 | 10.4 | 22.2 | 27.0 | 23.8 | 19.4          | 12.7           |
| 1/2                | 3/4          | F8-BFC-FNPT12-  | 68.1   | 20.6 | 22.9 | 10.4 | 22.2 | 33.3 | 23.8 | 19.4          | 12.7           |
| 5/8                | 3/8          | F10-BFC-FNPT6-  | 62.5   | 15.0 | 24.4 | 12.7 | 25.4 | 23.8 | 27.0 | 22.6          | 15.1           |
| 5/8                | 1/2          | F10-BFC-FNPT8-  | 67.3   | 19.8 | 24.4 | 12.7 | 25.4 | 27.0 | 27.0 | 22.6          | 15.1           |
| 3/4                | 1/2          | F12-BFC-FNPT8-  | 72.2   | 19.8 | 24.4 | 15.7 | 28.6 | 27.0 | 30.2 | 25.8          | 19.8           |
| 3/4                | 3/4          | F12-BFC-FNPT12- | 73.7   | 20.6 | 24.4 | 15.7 | 28.6 | 33.3 | 30.2 | 25.8          | 19.8           |
| 7/8                | 3/4          | F14-BFC-FNPT12- | 80.8   | 20.6 | 25.9 | 18.3 | 31.8 | 33.3 | 33.3 | 29.0          | 23.8           |
| 1                  | 3/4          | F16-BFC-FNPT12- | 84.7   | 20.6 | 31.2 | 22.4 | 38.1 | 41.3 | 41.3 | 33.7          | 23.8           |
| 1                  | 1            | F16-BFC-FNPT16- | 93.5   | 25.4 | 31.2 | 22.4 | 38.1 | 41.3 | 41.3 | 33.7          | 23.8           |

| 公制雙卡套穿板陰螺紋直通          |              |                |        |      |      |     |    |    |    |               | NPT螺紋          |
|-----------------------|--------------|----------------|--------|------|------|-----|----|----|----|---------------|----------------|
| T-Tube 外<br>徑<br>(mm) | P-NPT 尺<br>寸 | 基本訂購資訊         | 尺寸, mm |      |      |     |    |    |    | 安裝孔尺寸<br>(mm) | 最大面板厚度<br>(mm) |
|                       |              |                | L      | B    | C    | E   | G  | F  | Gx |               |                |
| 6                     | 1/8          | M6-BFC-FNPT2-  | 47.2   | 10.4 | 15.3 | 4.8 | 14 | 16 | 16 | 11.5          | 10.2           |
| 6                     | 1/4          | M6-BFC-FNPT4-  | 51.8   | 15.0 | 15.3 | 4.8 | 14 | 19 | 16 | 11.5          | 10.2           |
| 8                     | 1/8          | M8-BFC-FNPT2-  | 49.6   | 10.4 | 16.2 | 4.8 | 16 | 18 | 18 | 13.1          | 11.2           |
| 10                    | 1/4          | M10-BFC-FNPT4- | 55.2   | 15.0 | 17.2 | 7.9 | 19 | 22 | 22 | 16.3          | 11.2           |
| 12                    | 3/8          | M12-BFC-FNPT6- | 60.9   | 15.0 | 22.8 | 9.5 | 22 | 24 | 24 | 19.5          | 12.7           |
| 12                    | 1/2          | M12-BFC-FNPT8- | 66.5   | 19.8 | 22.8 | 9.5 | 22 | 27 | 24 | 19.5          | 12.7           |

## 雙卡套直通



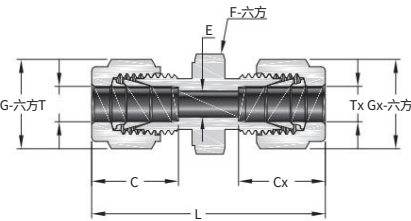
英制雙卡套直通

| T-Tube 外徑(in.) | 基本訂購資訊     | 尺寸, mm |      |      |      |      |
|----------------|------------|--------|------|------|------|------|
|                |            | L      | C    | G    | F    | E    |
| 1/16           | F1-U-F1-   | 25.1   | 8.6  | 7.9  | 11.1 | 1.3  |
| 1/8            | F2-U-F2-   | 35.6   | 12.7 | 11.1 | 11.1 | 2.3  |
| 3/16           | F3-U-F3-   | 37.3   | 13.7 | 12.7 | 12.7 | 3.0  |
| 1/4            | F4-U-F4-   | 40.9   | 15.2 | 14.3 | 12.7 | 4.8  |
| 5/16           | F5-U-F5-   | 42.9   | 16.2 | 15.9 | 14.3 | 6.4  |
| 3/8            | F6-U-F6-   | 45.0   | 16.8 | 17.5 | 15.9 | 7.1  |
| 1/2            | F8-U-F8-   | 51.3   | 22.9 | 22.2 | 20.6 | 10.4 |
| 5/8            | F10-U-F10- | 52.1   | 24.4 | 25.4 | 23.9 | 12.7 |
| 3/4            | F12-U-F12- | 53.6   | 24.4 | 28.6 | 27.0 | 15.7 |
| 7/8            | F14-U-F14- | 55.1   | 25.9 | 31.8 | 34.9 | 18.3 |
| 1              | F16-U-F16- | 64.8   | 31.2 | 38.1 | 34.9 | 22.4 |
| 1 1/8          | F18-U-F18- | 64.8   | 31.2 | 44.5 | 41.3 | 24.6 |
| 1 1/4          | F20-U-F20- | 92.2   | 41.1 | 47.6 | 44.5 | 27.7 |
| 1 1/2          | F24-U-F24- | 108    | 50.0 | 57.2 | 54.0 | 34.0 |

公制雙卡套直通

| T-Tube 外徑(mm) | 基本訂購資訊     | 尺寸, mm |      |    |    |      |
|---------------|------------|--------|------|----|----|------|
|               |            | L      | C    | G  | F  | E    |
| 2             | M2-U-M2-   | 35.6   | 12.9 | 12 | 12 | 1.7  |
| 3             | M3-U-M3-   | 35.3   | 12.9 | 12 | 12 | 2.4  |
| 4             | M4-U-M4-   | 37.3   | 13.7 | 12 | 12 | 2.4  |
| 6             | M6-U-M6-   | 41.0   | 15.3 | 14 | 14 | 4.8  |
| 8             | M8-U-M8-   | 43.2   | 16.2 | 16 | 15 | 6.4  |
| 10            | M10-U-M10- | 46.2   | 17.2 | 19 | 18 | 7.9  |
| 12            | M12-U-M12- | 51.2   | 22.8 | 22 | 22 | 9.5  |
| 14            | M14-U-M14- | 52.0   | 24.4 | 25 | 24 | 11.1 |
| 15            | M15-U-M15- | 52.0   | 24.4 | 25 | 24 | 11.9 |
| 16            | M16-U-M16- | 52.0   | 24.4 | 25 | 24 | 12.7 |
| 18            | M18-U-M18- | 53.5   | 24.4 | 30 | 27 | 15.1 |
| 20            | M20-U-M20- | 55.0   | 26.0 | 32 | 30 | 15.9 |
| 22            | M22-U-M22- | 55.0   | 26.0 | 32 | 30 | 18.3 |
| 25            | M25-U-M25- | 65.0   | 31.3 | 38 | 35 | 21.8 |
| 28            | M28-U-M28- | 85.0   | 36.6 | 46 | 41 | 21.8 |
| 30            | M30-U-M30- | 92.7   | 39.6 | 50 | 46 | 26.2 |
| 32            | M32-U-M32- | 97.3   | 42.0 | 50 | 46 | 28.6 |
| 38            | M38-U-M38- | 113.6  | 49.4 | 60 | 55 | 33.7 |

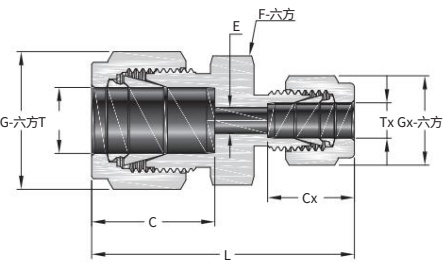
轉換雙卡套直通



公制轉英制雙卡套直通

| T-Tube 外徑 (mm) | Tx-Tube 外徑 (in.) | 基本訂購資訊     | 尺寸, mm |      |    |    |      |      |      |
|----------------|------------------|------------|--------|------|----|----|------|------|------|
|                |                  |            | L      | C    | G  | F  | E    | Cx   | Gx   |
| 3              | 1/8              | M3-U-F2-   | 35.2   | 12.9 | 12 | 12 | 2.4  | 12.7 | 11.1 |
| 4              | 1/8              | M4-U-F2-   | 36.5   | 13.7 | 12 | 12 | 2.4  | 12.7 | 11.1 |
| 4              | 1/4              | M4-U-F4-   | 39.4   | 13.7 | 12 | 14 | 2.4  | 15.2 | 14.3 |
| 6              | 1/8              | M6-U-F2-   | 38.5   | 15.3 | 14 | 14 | 2.4  | 12.7 | 11.1 |
| 6              | 1/4              | M6-U-F4-   | 41.0   | 15.3 | 14 | 14 | 4.8  | 15.2 | 14.3 |
| 6              | 5/16             | M6-U-F5-   | 42.3   | 15.3 | 14 | 14 | 4.8  | 16.2 | 15.9 |
| 8              | 1/4              | M8-U-F4-   | 42.3   | 16.2 | 16 | 15 | 4.8  | 15.2 | 14.3 |
| 8              | 3/8              | M8-U-F6-   | 44.3   | 16.2 | 16 | 16 | 6.4  | 16.8 | 17.5 |
| 10             | 1/8              | M10-U-F2-  | 41.8   | 17.2 | 19 | 18 | 2.4  | 12.7 | 11.1 |
| 10             | 1/4              | M10-U-F4-  | 44.5   | 17.2 | 19 | 18 | 4.8  | 15.2 | 14.3 |
| 10             | 5/16             | M10-U-F5-  | 45.1   | 17.2 | 19 | 18 | 6.4  | 16.2 | 15.9 |
| 10             | 3/8              | M10-U-F6-  | 45.9   | 17.2 | 19 | 18 | 7.1  | 16.8 | 17.5 |
| 12             | 5/16             | M12-U-F5-  | 47.8   | 22.8 | 22 | 22 | 6.4  | 16.2 | 15.9 |
| 12             | 3/8              | M12-U-F6-  | 48.4   | 22.8 | 22 | 22 | 7.1  | 16.8 | 17.5 |
| 12             | 1/2              | M12-U-F8-  | 51.2   | 22.8 | 22 | 22 | 9.5  | 22.9 | 22.2 |
| 15             | 1/2              | M15-U-F8-  | 52.0   | 24.4 | 25 | 24 | 10.4 | 22.9 | 22.2 |
| 16             | 5/8              | M16-U-F10- | 52.0   | 24.4 | 25 | 24 | 12.7 | 24.4 | 25.4 |
| 18             | 3/4              | M18-U-F12- | 53.5   | 24.4 | 30 | 27 | 15.1 | 24.4 | 28.6 |
| 20             | 1/2              | M20-U-F8-  | 55.0   | 26.0 | 32 | 30 | 10.4 | 22.9 | 22.2 |
| 20             | 1                | M20-U-F16- | 62.8   | 26.0 | 32 | 35 | 15.9 | 31.2 | 38.1 |
| 25             | 1                | M25-U-F16- | 65.0   | 31.3 | 38 | 35 | 21.8 | 31.2 | 38.1 |

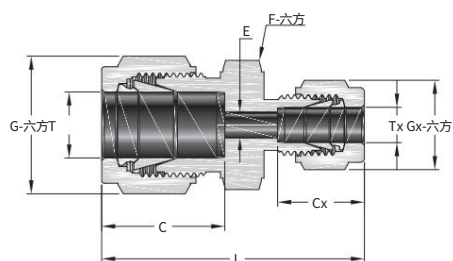
縮徑雙卡套直通



英制縮徑雙卡套直通

| T-Tube 外徑 (in.) | Tx-Tube 外徑 (in.) | 基本訂購資訊     | 尺寸, mm |      |      |      |      |      |      |
|-----------------|------------------|------------|--------|------|------|------|------|------|------|
|                 |                  |            | L      | C    | G    | F    | E    | Cx   | Gx   |
| 1/8             | 1/16             | F2-U-F1-   | 31.0   | 12.7 | 11.1 | 11.1 | 1.3  | 8.6  | 7.9  |
| 3/16            | 1/16             | F3-U-F1-   | 32.3   | 13.7 | 12.7 | 11.1 | 1.3  | 8.6  | 7.9  |
| 3/16            | 1/8              | F3-U-F2-   | 36.6   | 13.7 | 12.7 | 11.1 | 2.3  | 12.7 | 11.1 |
| 1/4             | 1/16             | F4-U-F1-   | 34.3   | 15.2 | 14.3 | 12.7 | 1.3  | 8.6  | 7.9  |
| 1/4             | 1/8              | F4-U-F2-   | 38.6   | 15.2 | 14.3 | 12.7 | 2.3  | 12.7 | 11.1 |
| 1/4             | 3/16             | F4-U-F3-   | 39.4   | 15.2 | 14.3 | 12.7 | 3.0  | 13.7 | 12.7 |
| 5/16            | 1/8              | F5-U-F2-   | 39.6   | 16.2 | 15.9 | 14.3 | 2.3  | 12.7 | 11.1 |
| 5/16            | 1/4              | F5-U-F4-   | 42.2   | 16.2 | 15.9 | 14.3 | 4.8  | 15.2 | 14.3 |
| 3/8             | 1/16             | F6-U-F1-   | 36.6   | 16.8 | 17.5 | 15.9 | 1.3  | 8.6  | 7.9  |
| 3/8             | 1/8              | F6-U-F2-   | 40.9   | 16.8 | 17.5 | 15.9 | 2.3  | 12.7 | 11.1 |
| 3/8             | 1/4              | F6-U-F4-   | 43.2   | 16.8 | 17.5 | 15.9 | 4.8  | 15.2 | 14.3 |
| 3/8             | 5/16             | F6-U-F5-   | 44.2   | 16.8 | 17.5 | 15.9 | 6.4  | 16.2 | 15.9 |
| 1/2             | 1/8              | F8-U-F2-   | 45.2   | 22.8 | 22.2 | 20.6 | 2.3  | 12.7 | 11.1 |
| 1/2             | 1/4              | F8-U-F4-   | 47.0   | 22.8 | 22.2 | 20.6 | 4.8  | 15.2 | 14.3 |
| 1/2             | 3/8              | F8-U-F6-   | 48.5   | 22.8 | 22.2 | 20.6 | 7.1  | 16.8 | 17.5 |
| 5/8             | 3/8              | F10-U-F6-  | 49.3   | 24.4 | 25.4 | 23.9 | 7.1  | 16.8 | 17.5 |
| 5/8             | 1/2              | F10-U-F8-  | 52.1   | 24.4 | 25.4 | 23.9 | 10.4 | 22.8 | 22.2 |
| 3/4             | 1/4              | F12-U-F4-  | 49.3   | 24.4 | 28.6 | 27.0 | 4.8  | 15.2 | 14.3 |
| 3/4             | 3/8              | F12-U-F6-  | 50.8   | 24.4 | 28.6 | 27.0 | 7.1  | 16.8 | 17.5 |
| 3/4             | 1/2              | F12-U-F8-  | 53.6   | 24.4 | 28.6 | 27.0 | 10.4 | 22.8 | 22.2 |
| 3/4             | 5/8              | F12-U-F10- | 53.6   | 24.4 | 28.6 | 27.0 | 12.7 | 24.4 | 25.4 |
| 1               | 1/2              | F16-U-F8-  | 60.5   | 31.2 | 38.1 | 34.9 | 10.4 | 22.8 | 22.2 |
| 1               | 3/4              | F16-U-F12- | 60.5   | 31.2 | 38.1 | 34.9 | 15.7 | 24.4 | 28.6 |

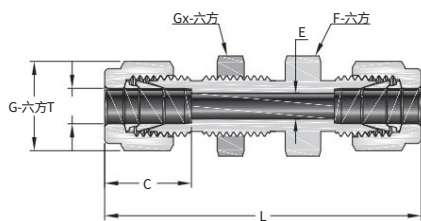
# 縮徑雙卡套直通



公制縮徑雙卡套直通

| T-Tube<br>徑外徑(mm) | Tx-Tube 外<br>徑外徑(mm) | 基本訂購資訊     | 尺寸, mm |      |    |    |      |      |    |
|-------------------|----------------------|------------|--------|------|----|----|------|------|----|
|                   |                      |            | L      | C    | G  | F  | E    | Cx   | Gx |
| 3                 | 2                    | M3-U-M2-   | 35.3   | 12.9 | 12 | 12 | 1.7  | 12.9 | 12 |
| 6                 | 2                    | M6-U-M2-   | 38.6   | 15.3 | 14 | 14 | 1.7  | 12.9 | 12 |
| 6                 | 3                    | M6-U-M3-   | 38.6   | 15.3 | 14 | 14 | 2.4  | 12.9 | 12 |
| 6                 | 4                    | M6-U-M4-   | 39.4   | 15.3 | 14 | 14 | 2.4  | 13.7 | 12 |
| 8                 | 6                    | M8-U-M6-   | 42.3   | 16.3 | 16 | 15 | 4.8  | 15.3 | 14 |
| 10                | 6                    | M10-U-M6-  | 44.5   | 17.2 | 19 | 18 | 4.8  | 15.3 | 14 |
| 10                | 8                    | M10-U-M8-  | 45.1   | 17.2 | 19 | 18 | 6.4  | 16.3 | 16 |
| 12                | 6                    | M12-U-M6-  | 47.0   | 22.8 | 22 | 22 | 4.8  | 15.3 | 14 |
| 12                | 8                    | M12-U-M8-  | 47.8   | 22.8 | 22 | 22 | 6.4  | 16.3 | 16 |
| 12                | 10                   | M12-U-M10- | 48.7   | 22.8 | 22 | 22 | 7.9  | 17.2 | 19 |
| 16                | 10                   | M16-U-M10- | 49.5   | 24.4 | 25 | 24 | 7.9  | 17.2 | 19 |
| 16                | 12                   | M16-U-M12- | 52.0   | 24.4 | 25 | 24 | 9.5  | 22.8 | 22 |
| 18                | 12                   | M18-U-M12- | 53.5   | 24.4 | 30 | 27 | 9.5  | 22.8 | 22 |
| 25                | 18                   | M25-U-M18- | 61.0   | 31.3 | 38 | 35 | 15.1 | 24.4 | 30 |
| 25                | 20                   | M25-U-M20- | 62.3   | 31.3 | 38 | 35 | 15.9 | 26.0 | 32 |
| 30                | 18                   | M30-U-M18- | 75.4   | 39.6 | 50 | 46 | 15.1 | 24.4 | 30 |
| 30                | 20                   | M30-U-M20- | 75.4   | 39.6 | 50 | 46 | 15.9 | 26.0 | 32 |
| 30                | 25                   | M30-U-M25- | 80.1   | 39.6 | 50 | 46 | 21.8 | 31.3 | 38 |
| 32                | 18                   | M32-U-M18- | 77.8   | 42.0 | 50 | 46 | 15.1 | 24.4 | 30 |
| 32                | 20                   | M32-U-M20- | 77.8   | 42.0 | 50 | 46 | 15.9 | 26.0 | 32 |
| 32                | 25                   | M32-U-M25- | 82.3   | 42.0 | 50 | 46 | 21.8 | 31.3 | 38 |
| 38                | 20                   | M38-U-M20- | 87.5   | 49.4 | 60 | 55 | 15.9 | 26.0 | 32 |
| 38                | 25                   | M38-U-M25- | 92.0   | 49.4 | 60 | 55 | 21.8 | 31.3 | 38 |
| 38                | 30                   | M38-U-M30- | 104.6  | 49.4 | 60 | 55 | 26.2 | 39.6 | 50 |

## 雙卡套穿板直通



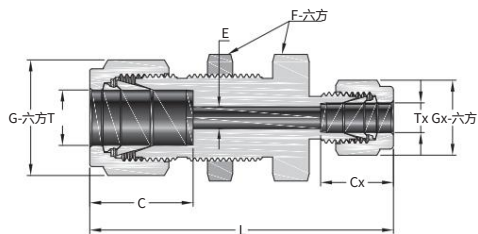
英制雙卡套穿板直通

| Tx-Tube 外徑(in.) | 基本訂購資訊      | 尺寸, mm |      |      |      |      |      | 安裝孔尺寸 (mm) | 最大面板厚度 (mm) |
|-----------------|-------------|--------|------|------|------|------|------|------------|-------------|
|                 |             | LCE    |      |      | G    | F Gx |      |            |             |
| 1/16            | F1-BU-F1-   | 31.5   | 8.6  | 1.3  | 7.9  | 7.9  | 7.9  | 5.2        | 3.0         |
| 1/8             | F2-BU-F2-   | 51.3   | 12.7 | 2.3  | 11.1 | 12.7 | 12.7 | 8.3        | 12.7        |
| 3/16            | F3-BU-F3-   | 53.6   | 13.7 | 3.0  | 12.7 | 14.3 | 14.3 | 9.9        | 12.7        |
| 1/4             | F4-BU-F4-   | 57.7   | 15.2 | 4.8  | 14.3 | 15.9 | 15.9 | 11.5       | 10.2        |
| 5/16            | F5-BU-F5-   | 60.7   | 16.3 | 6.4  | 15.9 | 17.5 | 17.5 | 13.1       | 11.2        |
| 3/8             | F6-BU-F6-   | 62.2   | 16.8 | 7.1  | 17.5 | 19.1 | 19.1 | 14.7       | 11.2        |
| 1/2             | F8-BU-F8-   | 71.1   | 22.9 | 10.4 | 22.2 | 23.8 | 23.8 | 19.4       | 12.7        |
| 5/8             | F10-BU-F10- | 72.6   | 24.4 | 12.7 | 25.4 | 27.0 | 27.0 | 22.6       | 12.7        |
| 3/4             | F12-BU-F12- | 79.0   | 24.4 | 15.7 | 28.6 | 30.2 | 30.2 | 25.8       | 16.8        |
| 7/8             | F14-BU-F14- | 84.6   | 25.9 | 18.3 | 31.8 | 34.9 | 34.9 | 29.0       | 19.1        |
| 1               | F16-BU-F16- | 95.8   | 31.2 | 22.4 | 38.1 | 41.3 | 41.3 | 33.7       | 19.1        |
| 1 1/4           | F20-BU-F20- | 123.2  | 41.1 | 27.8 | 47.6 | 47.6 | 47.6 | 41.7       | 19.1        |
| 1 1/2           | F24-BU-F24- | 139.2  | 50.0 | 34.0 | 57.2 | 57.2 | 57.2 | 49.6       | 19.1        |

公制雙卡套穿板直通

| Tx-Tube 外徑 (mm) | 基本訂購資訊      | 尺寸, mm   |      |      |    |    |    | 安裝孔尺寸 (mm) | 最大面板厚度 (mm) |
|-----------------|-------------|----------|------|------|----|----|----|------------|-------------|
|                 |             | LCEGF Gx |      |      |    |    |    |            |             |
| 3               | M3-BU-M3-   | 51.3     | 12.9 | 2.4  | 12 | 14 | 14 | 8.3        | 12.7        |
| 4               | M4-BU-M4-   | 53.6     | 13.7 | 2.4  | 12 | 14 | 14 | 9.9        | 12.7        |
| 6               | M6-BU-M6-   | 57.7     | 15.3 | 4.8  | 14 | 16 | 16 | 11.5       | 10.2        |
| 8               | M8-BU-M8-   | 61.0     | 16.2 | 6.4  | 16 | 18 | 18 | 13.1       | 11.2        |
| 10              | M10-BU-M10- | 63.7     | 17.2 | 7.9  | 19 | 22 | 22 | 16.3       | 11.2        |
| 12              | M12-BU-M12- | 71.0     | 22.8 | 9.5  | 22 | 24 | 24 | 19.5       | 12.7        |
| 14              | M14-BU-M14- | 72.5     | 24.4 | 11.1 | 25 | 27 | 27 | 22.5       | 12.7        |
| 15              | M15-BU-M15- | 72.5     | 24.4 | 11.9 | 25 | 27 | 27 | 22.8       | 12.7        |
| 16              | M16-BU-M16- | 72.5     | 24.4 | 12.7 | 25 | 27 | 27 | 22.8       | 12.7        |
| 18              | M18-BU-M18- | 78.9     | 24.4 | 15.1 | 30 | 30 | 30 | 26.0       | 16.8        |
| 20              | M20-BU-M20- | 84.5     | 26.0 | 15.9 | 32 | 35 | 35 | 29.0       | 19.0        |
| 25              | M25-BU-M25- | 96.0     | 31.3 | 21.8 | 38 | 41 | 41 | 34.0       | 19.0        |
| 30              | M30-BU-M30- | 124.0    | 39.6 | 26.2 | 50 | 50 | 50 | 40.5       | 19.0        |
| 32              | M32-BU-M32- | 128.0    | 42.0 | 28.6 | 50 | 50 | 50 | 42.5       | 19.0        |
| 38              | M38-BU-M38- | 145.0    | 49.4 | 33.7 | 60 | 60 | 60 | 50.5       | 19.0        |

## 縮徑雙卡套穿板直通



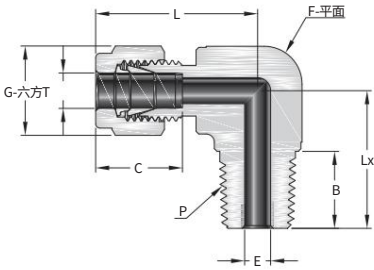
英制縮徑雙卡套穿板直通

| T-Tube 外徑(in.) | Tx-Tube 外徑(in.) | 基本訂購資訊    | 尺寸, mm      |      |     |      |      |      | 安裝孔尺寸 (mm) | 最大面板厚度 (mm) |
|----------------|-----------------|-----------|-------------|------|-----|------|------|------|------------|-------------|
|                |                 |           | LCEGF Cx Gx |      |     |      |      |      |            |             |
| 1/4            | 1/8             | F4-BU-F2- | 55.1        | 15.2 | 2.3 | 14.3 | 15.9 | 12.7 | 11.1       | 10.2        |
| 3/8            | 1/4             | F6-BU-F4- | 60.7        | 16.8 | 4.8 | 17.5 | 19.1 | 15.2 | 14.3       | 11.2        |
| 1/2            | 1/4             | F8-BU-F4- | 66.8        | 22.9 | 4.8 | 22.2 | 23.8 | 15.2 | 14.3       | 12.7        |

公制縮徑雙卡套穿板直通

| T-Tube 外徑外徑(mm) | Tx-Tube 外徑(mm) | 基本訂購資訊     | 尺寸, mm      |      |     |    |    |      | 安裝孔尺寸 (mm) | 最大面板厚度 (mm) |
|-----------------|----------------|------------|-------------|------|-----|----|----|------|------------|-------------|
|                 |                |            | LCEGF Cx Gx |      |     |    |    |      |            |             |
| 6               | 3              | M6-BU-M3-  | 55.1        | 15.3 | 2.4 | 14 | 16 | 12.9 | 12         | 10.2        |
| 8               | 6              | M8-BU-M6-  | 60.1        | 16.2 | 4.8 | 16 | 18 | 15.3 | 14         | 11.2        |
| 12              | 8              | M12-BU-M8- | 67.6        | 22.8 | 6.4 | 22 | 24 | 16.2 | 16         | 12.7        |

雙卡套陽螺紋彎頭

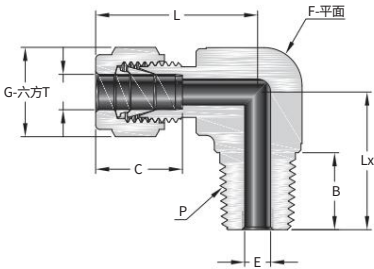


英制雙卡套陽螺紋彎頭

NPT螺紋

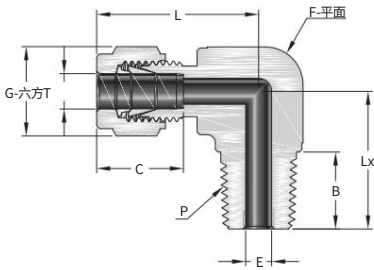
| T-Tube 外<br>徑(in.) | P-NPT 尺<br>寸 | 基本訂購資訊        | 尺寸, mm |      |      |      |      |      |      |
|--------------------|--------------|---------------|--------|------|------|------|------|------|------|
|                    |              |               | L      | C    | G    | F    | E    | B Lx |      |
| 1/16               | 1/16         | F1-ME-NPT1-   | 19.1   | 8.6  | 7.9  | 11.1 | 1.3  | 9.7  | 17.8 |
| 1/16               | 1/8          | F1-ME-NPT2-   | 19.1   | 8.6  | 7.9  | 11.1 | 1.3  | 9.7  | 17.8 |
| 1/8                | 1/16         | F2-ME-NPT1-   | 23.6   | 12.7 | 11.1 | 11.1 | 2.4  | 9.7  | 17.8 |
| 1/8                | 1/8          | F2-ME-NPT2-   | 23.6   | 12.7 | 11.1 | 11.1 | 2.4  | 9.7  | 17.8 |
| 1/8                | 1/4          | F2-ME-NPT4-   | 24.6   | 12.7 | 11.1 | 12.7 | 2.4  | 14.2 | 23.4 |
| 3/16               | 1/8          | F3-ME-NPT2-   | 25.4   | 13.7 | 12.7 | 12.7 | 3.0  | 9.7  | 18.8 |
| 3/16               | 1/4          | F3-ME-NPT4-   | 25.4   | 13.7 | 12.7 | 12.7 | 3.0  | 14.2 | 23.4 |
| 1/4                | 1/16         | F4-ME-NPT1-   | 26.9   | 15.2 | 14.3 | 12.7 | 3.0  | 9.7  | 18.8 |
| 1/4                | 1/8          | F4-ME-NPT2-   | 26.9   | 15.2 | 14.3 | 12.7 | 4.8  | 9.7  | 18.8 |
| 1/4                | 1/4          | F4-ME-NPT4-   | 26.9   | 15.2 | 14.3 | 12.7 | 4.8  | 14.2 | 23.4 |
| 1/4                | 3/8          | F4-ME-NPT6-   | 29.7   | 15.2 | 14.3 | 17.5 | 4.8  | 14.2 | 26.2 |
| 1/4                | 1/2          | F4-ME-NPT8-   | 31.8   | 15.2 | 14.3 | 20.6 | 4.8  | 19.1 | 33.0 |
| 5/16               | 1/8          | F5-ME-NPT2-   | 28.7   | 16.3 | 15.9 | 14.3 | 4.8  | 9.7  | 19.8 |
| 5/16               | 1/4          | F5-ME-NPT4-   | 28.7   | 16.3 | 15.9 | 14.3 | 6.4  | 14.2 | 24.4 |
| 5/16               | 3/8          | F5-ME-NPT6-   | 30.5   | 16.3 | 15.9 | 17.5 | 6.4  | 14.2 | 26.2 |
| 3/8                | 1/8          | F6-ME-NPT2-   | 30.5   | 16.8 | 17.5 | 15.9 | 4.8  | 9.7  | 20.8 |
| 3/8                | 1/4          | F6-ME-NPT4-   | 30.5   | 16.8 | 17.5 | 15.9 | 7.1  | 14.2 | 25.4 |
| 3/8                | 3/8          | F6-ME-NPT6-   | 31.2   | 16.8 | 17.5 | 17.5 | 7.1  | 14.2 | 26.2 |
| 3/8                | 1/2          | F6-ME-NPT8-   | 33.3   | 16.8 | 17.5 | 20.6 | 7.1  | 19.1 | 33.0 |
| 3/8                | 3/4          | F6-ME-NPT12-  | 37.1   | 16.8 | 17.5 | 27.0 | 7.1  | 19.1 | 36.8 |
| 1/2                | 1/4          | F8-ME-NPT4-   | 36.1   | 22.9 | 22.2 | 20.6 | 7.1  | 14.2 | 28.2 |
| 1/2                | 3/8          | F8-ME-NPT6-   | 36.1   | 22.9 | 22.2 | 20.6 | 9.7  | 14.2 | 28.2 |
| 1/2                | 1/2          | F8-ME-NPT8-   | 36.1   | 22.9 | 22.2 | 20.6 | 10.4 | 19.1 | 33.0 |
| 1/2                | 3/4          | F8-ME-NPT12-  | 39.9   | 22.9 | 22.2 | 27.0 | 10.4 | 19.1 | 36.8 |
| 5/8                | 3/8          | F10-ME-NPT6-  | 38.1   | 24.4 | 25.4 | 23.8 | 9.7  | 14.2 | 30.2 |
| 5/8                | 1/2          | F10-ME-NPT8-  | 38.1   | 24.4 | 25.4 | 23.8 | 11.9 | 19.1 | 35.1 |
| 5/8                | 3/4          | F10-ME-NPT12- | 39.9   | 24.4 | 25.4 | 27.0 | 12.7 | 19.1 | 36.8 |
| 3/4                | 1/2          | F12-ME-NPT8-  | 39.9   | 24.4 | 28.6 | 27.0 | 11.9 | 19.1 | 36.8 |
| 3/4                | 3/4          | F12-ME-NPT12- | 39.9   | 24.4 | 28.6 | 27.0 | 15.7 | 19.1 | 36.8 |
| 7/8                | 3/4          | F14-ME-NPT12- | 44.7   | 25.9 | 31.8 | 34.9 | 15.7 | 19.1 | 41.7 |
| 1                  | 3/4          | F16-ME-NPT12- | 49.0   | 31.2 | 38.1 | 34.9 | 15.7 | 19.1 | 41.7 |
| 1                  | 1            | F16-ME-NPT16- | 49.0   | 31.2 | 38.1 | 34.9 | 22.4 | 23.9 | 46.5 |
| 1 1/4              | 1 1/4        | F20-ME-NPT20- | 66.5   | 41.1 | 47.6 | 42.9 | 27.7 | 23.9 | 52.4 |
| 1 1/2              | 1 1/2        | F24-ME-NPT24- | 78.0   | 50.0 | 57.2 | 50.8 | 34.0 | 26.2 | 60.5 |

雙卡套陽螺紋彎頭



| 公制雙卡套陽螺紋彎頭     |          |               | NPT螺紋  |      |    |      |      |      |      |
|----------------|----------|---------------|--------|------|----|------|------|------|------|
| T-Tube 外徑 (mm) | P-NPT 尺寸 | 基本訂購資訊        | 尺寸, mm |      |    |      |      |      |      |
|                |          |               | L      | C    | G  | F    | E    | B    | Lx   |
| 3              | 1/8      | M3-ME-NPT2-   | 23.6   | 12.9 | 12 | 11.1 | 2.4  | 9.7  | 17.8 |
| 3              | 1/4      | M3-ME-NPT4-   | 24.6   | 12.9 | 12 | 12.7 | 2.4  | 14.2 | 23.4 |
| 4              | 1/8      | M4-ME-NPT2-   | 25.4   | 13.7 | 12 | 12.7 | 2.4  | 9.7  | 18.8 |
| 4              | 1/4      | M4-ME-NPT4-   | 25.4   | 13.7 | 12 | 12.7 | 2.4  | 14.2 | 23.4 |
| 6              | 1/8      | M6-ME-NPT2-   | 27.0   | 15.3 | 14 | 12.7 | 4.8  | 9.7  | 18.8 |
| 6              | 1/4      | M6-ME-NPT4-   | 27.0   | 15.3 | 14 | 12.7 | 4.8  | 14.2 | 23.4 |
| 6              | 3/8      | M6-ME-NPT6-   | 29.8   | 15.3 | 14 | 17.5 | 4.8  | 14.2 | 26.2 |
| 6              | 1/2      | M6-ME-NPT8-   | 31.8   | 15.3 | 14 | 20.6 | 4.8  | 19.0 | 33.0 |
| 8              | 1/8      | M8-ME-NPT2-   | 28.8   | 16.2 | 16 | 14.3 | 4.8  | 9.7  | 19.8 |
| 8              | 1/4      | M8-ME-NPT4-   | 28.8   | 16.2 | 16 | 14.3 | 6.4  | 14.2 | 24.4 |
| 8              | 3/8      | M8-ME-NPT6-   | 30.6   | 16.2 | 16 | 17.5 | 6.4  | 14.2 | 26.2 |
| 8              | 1/2      | M8-ME-NPT8-   | 32.6   | 16.2 | 16 | 20.6 | 6.4  | 19.1 | 33.0 |
| 10             | 1/8      | M10-ME-NPT2-  | 31.5   | 17.2 | 19 | 17.5 | 4.8  | 9.7  | 21.6 |
| 10             | 1/4      | M10-ME-NPT4-  | 31.5   | 17.2 | 19 | 17.5 | 7.1  | 14.2 | 26.2 |
| 10             | 3/8      | M10-ME-NPT6-  | 31.5   | 17.2 | 19 | 17.5 | 7.9  | 14.2 | 26.2 |
| 10             | 1/2      | M10-ME-NPT8-  | 33.5   | 17.2 | 19 | 20.6 | 7.9  | 19.1 | 33.0 |
| 12             | 1/8      | M12-ME-NPT2-  | 36.0   | 22.8 | 22 | 20.6 | 4.8  | 9.7  | 23.6 |
| 12             | 1/4      | M12-ME-NPT4-  | 36.0   | 22.8 | 22 | 20.6 | 7.1  | 14.2 | 28.2 |
| 12             | 3/8      | M12-ME-NPT6-  | 36.0   | 22.8 | 22 | 20.6 | 9.5  | 14.2 | 28.2 |
| 12             | 1/2      | M12-ME-NPT8-  | 36.0   | 22.8 | 22 | 20.6 | 9.5  | 19.1 | 33.0 |
| 12             | 3/4      | M12-ME-NPT12- | 39.8   | 22.8 | 22 | 27.0 | 9.5  | 19.1 | 36.8 |
| 15             | 1/2      | M15-ME-NPT8-  | 38.0   | 24.4 | 25 | 23.8 | 11.9 | 19.1 | 35.1 |
| 16             | 1/4      | M16-ME-NPT4-  | 38.0   | 24.4 | 25 | 23.8 | 7.1  | 14.2 | 30.2 |
| 16             | 3/8      | M16-ME-NPT6-  | 38.0   | 24.4 | 25 | 23.8 | 9.5  | 14.2 | 30.2 |
| 16             | 1/2      | M16-ME-NPT8-  | 38.0   | 24.4 | 25 | 23.8 | 11.9 | 19.1 | 35.1 |
| 16             | 3/4      | M16-ME-NPT12- | 39.8   | 24.4 | 25 | 27.0 | 12.7 | 19.1 | 36.8 |
| 18             | 1/2      | M18-ME-NPT8-  | 39.8   | 24.4 | 30 | 27.0 | 11.9 | 19.1 | 36.8 |
| 18             | 3/4      | M18-ME-NPT12- | 39.8   | 24.4 | 30 | 27.0 | 15.1 | 19.1 | 36.8 |
| 20             | 1/2      | M20-ME-NPT8-  | 44.6   | 26.0 | 32 | 34.9 | 11.9 | 19.1 | 41.7 |
| 20             | 3/4      | M20-ME-NPT12- | 44.6   | 26.0 | 32 | 34.9 | 15.9 | 19.1 | 41.7 |
| 22             | 3/4      | M22-ME-NPT12- | 44.6   | 26.0 | 32 | 34.9 | 15.9 | 19.1 | 41.7 |
| 22             | 1        | M22-ME-NPT16- | 44.6   | 26.0 | 32 | 34.9 | 18.3 | 23.9 | 46.5 |
| 25             | 3/4      | M25-ME-NPT12- | 49.1   | 31.3 | 38 | 34.9 | 15.9 | 19.0 | 41.7 |
| 25             | 1        | M25-ME-NPT16- | 49.1   | 31.3 | 38 | 34.9 | 21.8 | 23.9 | 46.5 |
| 30             | 1 1/4    | M30-ME-NPT20- | 69.9   | 39.6 | 50 | 42.9 | 26.2 | 23.9 | 53.1 |
| 32             | 1 1/4    | M32-ME-NPT20- | 72.3   | 42.0 | 50 | 42.9 | 27.8 | 23.9 | 53.1 |
| 38             | 1 1/2    | M38-ME-NPT24- | 84.0   | 49.4 | 60 | 50.8 | 33.7 | 26.2 | 60.4 |

雙卡套陽螺紋彎頭



英制雙卡套陽螺紋彎頭

ISO錐形螺紋(BSPT)

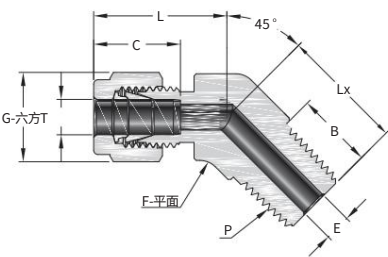
| T-Tube 外<br>徑(in.) | P-BSPT 尺<br>寸 | 基本訂購資訊        | 尺寸, mm |      |      |      |      |      |      |
|--------------------|---------------|---------------|--------|------|------|------|------|------|------|
|                    |               |               | L      | C    | G    | F    | E    | B    | Lx   |
| 1/8                | 1/8           | F2-ME-MBT2-   | 23.6   | 12.7 | 11.1 | 11.1 | 2.4  | 9.7  | 17.8 |
| 1/8                | 1/4           | F2-ME-MBT4-   | 24.6   | 12.7 | 11.1 | 12.7 | 2.4  | 14.2 | 23.4 |
| 1/4                | 1/8           | F4-ME-MBT2-   | 26.9   | 15.2 | 14.3 | 12.7 | 4.8  | 9.7  | 18.8 |
| 1/4                | 1/4           | F4-ME-MBT4-   | 26.9   | 15.2 | 14.3 | 12.7 | 4.8  | 14.2 | 23.4 |
| 1/4                | 3/8           | F4-ME-MBT6-   | 29.7   | 15.2 | 14.3 | 17.5 | 4.8  | 14.2 | 26.2 |
| 1/4                | 1/2           | F4-ME-MBT8-   | 31.8   | 15.2 | 14.3 | 20.6 | 4.8  | 19.1 | 33.0 |
| 5/16               | 1/4           | F5-ME-MBT4-   | 28.7   | 16.3 | 15.9 | 14.3 | 6.4  | 14.2 | 24.4 |
| 3/8                | 1/8           | F6-ME-MBT2-   | 30.5   | 16.8 | 17.5 | 15.9 | 4.8  | 9.7  | 20.8 |
| 3/8                | 1/4           | F6-ME-MBT4-   | 30.5   | 16.8 | 17.5 | 15.9 | 7.1  | 14.2 | 25.4 |
| 3/8                | 3/8           | F6-ME-MBT6-   | 31.2   | 16.8 | 17.5 | 17.5 | 7.1  | 14.2 | 26.2 |
| 1/2                | 3/8           | F8-ME-MBT6-   | 36.1   | 22.9 | 22.2 | 20.6 | 9.7  | 14.2 | 27.9 |
| 1/2                | 1/2           | F8-ME-MBT8-   | 36.1   | 22.9 | 22.2 | 20.6 | 10.4 | 19.1 | 33.0 |
| 3/4                | 1/2           | F12-ME-MBT8-  | 39.9   | 24.4 | 28.6 | 27.0 | 11.9 | 19.1 | 36.8 |
| 1                  | 1             | F16-ME-MBT16- | 49.0   | 31.2 | 38.1 | 34.9 | 22.4 | 23.9 | 46.5 |

公制雙卡套陽螺紋彎頭

ISO錐形螺紋(BSPT)

| T-Tube 外<br>徑<br>(mm) | P-BSPT 尺<br>寸 | 基本訂購資訊        | 尺寸, mm |      |    |      |      |      |      |
|-----------------------|---------------|---------------|--------|------|----|------|------|------|------|
|                       |               |               | L      | C    | G  | F    | E    | B    | Lx   |
| 3                     | 1/8           | M3-ME-MBT2-   | 23.6   | 12.9 | 12 | 11.1 | 2.4  | 9.7  | 17.8 |
| 3                     | 1/4           | M3-ME-MBT4-   | 24.6   | 12.9 | 12 | 12.7 | 2.4  | 14.2 | 23.4 |
| 4                     | 1/8           | M4-ME-MBT2-   | 25.4   | 13.7 | 12 | 12.7 | 2.4  | 9.7  | 18.8 |
| 4                     | 1/4           | M4-ME-MBT4-   | 25.4   | 13.7 | 12 | 12.7 | 2.4  | 14.2 | 23.4 |
| 6                     | 1/8           | M6-ME-MBT2-   | 27.0   | 15.3 | 14 | 12.7 | 4.8  | 9.7  | 18.8 |
| 6                     | 1/4           | M6-ME-MBT4-   | 27.0   | 15.3 | 14 | 12.7 | 4.8  | 14.2 | 23.4 |
| 6                     | 3/8           | M6-ME-MBT6-   | 29.8   | 15.3 | 14 | 17.5 | 4.8  | 14.2 | 26.2 |
| 6                     | 1/2           | M6-ME-MBT8-   | 31.8   | 15.3 | 14 | 20.6 | 4.8  | 19.0 | 33.0 |
| 8                     | 1/8           | M8-ME-MBT2-   | 28.8   | 16.2 | 16 | 14.3 | 4.8  | 9.7  | 19.8 |
| 8                     | 1/4           | M8-ME-MBT4-   | 28.8   | 16.2 | 16 | 14.3 | 6.4  | 14.2 | 24.4 |
| 8                     | 3/8           | M8-ME-MBT6-   | 30.6   | 16.2 | 16 | 17.5 | 6.4  | 14.2 | 26.2 |
| 8                     | 1/2           | M8-ME-MBT8-   | 32.6   | 16.2 | 16 | 20.6 | 6.4  | 19.1 | 33.0 |
| 10                    | 1/8           | M10-ME-MBT2-  | 31.5   | 17.2 | 19 | 17.5 | 4.8  | 9.7  | 21.6 |
| 10                    | 1/4           | M10-ME-MBT4-  | 31.5   | 17.2 | 19 | 17.5 | 7.1  | 14.2 | 26.2 |
| 10                    | 3/8           | M10-ME-MBT6-  | 31.5   | 17.2 | 19 | 17.5 | 7.9  | 14.2 | 26.2 |
| 10                    | 1/2           | M10-ME-MBT8-  | 33.5   | 17.2 | 19 | 20.6 | 7.9  | 19.1 | 33.0 |
| 12                    | 1/8           | M12-ME-MBT2-  | 36.0   | 22.8 | 22 | 20.6 | 4.8  | 9.7  | 23.6 |
| 12                    | 1/4           | M12-ME-MBT4-  | 36.0   | 22.8 | 22 | 20.6 | 7.1  | 14.2 | 28.2 |
| 12                    | 3/8           | M12-ME-MBT6-  | 36.0   | 22.8 | 22 | 20.6 | 9.5  | 14.2 | 28.2 |
| 12                    | 1/2           | M12-ME-MBT8-  | 36.0   | 22.8 | 22 | 20.6 | 9.5  | 19.1 | 33.0 |
| 12                    | 3/4           | M12-ME-MBT12- | 39.8   | 22.8 | 22 | 27.0 | 9.5  | 19.1 | 36.8 |
| 14                    | 1/2           | M14-ME-MBT8-  | 38.1   | 24.4 | 25 | 23.8 | 11.1 | 19.1 | 35.1 |
| 15                    | 1/2           | M15-ME-MBT8-  | 38.1   | 24.4 | 25 | 23.8 | 11.9 | 19.1 | 35.1 |
| 16                    | 1/4           | M16-ME-MBT4-  | 38.0   | 24.4 | 25 | 23.8 | 7.1  | 14.2 | 30.2 |
| 16                    | 3/8           | M16-ME-MBT6-  | 38.0   | 24.4 | 25 | 23.8 | 9.5  | 14.2 | 30.2 |
| 16                    | 1/2           | M16-ME-MBT8-  | 38.0   | 24.4 | 25 | 23.8 | 11.9 | 19.1 | 35.1 |
| 16                    | 3/4           | M16-ME-MBT12- | 39.8   | 24.4 | 25 | 27.0 | 12.7 | 19.1 | 36.8 |
| 18                    | 1/2           | M18-ME-MBT8-  | 39.8   | 24.4 | 30 | 27.0 | 11.9 | 19.1 | 36.8 |
| 18                    | 3/4           | M18-ME-MBT12- | 39.8   | 24.4 | 30 | 27.0 | 15.1 | 19.1 | 36.8 |
| 20                    | 1/2           | M20-ME-MBT8-  | 44.6   | 26.0 | 32 | 34.9 | 11.9 | 19.1 | 41.7 |
| 20                    | 3/4           | M20-ME-MBT12- | 44.6   | 26.0 | 32 | 34.9 | 15.9 | 19.1 | 41.7 |
| 22                    | 3/4           | M22-ME-MBT12- | 44.6   | 26.0 | 32 | 34.9 | 15.9 | 19.1 | 41.7 |
| 22                    | 1             | M22-ME-MBT16- | 44.6   | 26.0 | 32 | 34.9 | 18.3 | 23.9 | 46.5 |
| 25                    | 3/4           | M25-ME-MBT12- | 49.1   | 31.3 | 38 | 34.9 | 15.9 | 19.1 | 41.7 |
| 25                    | 1             | M25-ME-MBT16- | 49.1   | 31.3 | 38 | 34.9 | 21.8 | 23.9 | 46.5 |
| 28                    | 1             | M28-ME-MBT16- | 64.0   | 36.6 | 46 | 42.9 | 21.8 | 23.9 | 53.1 |

45°雙卡套陽螺紋彎頭



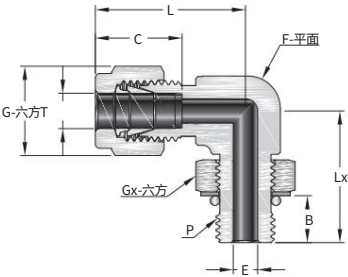
| 英制45°雙卡套陽螺紋彎頭  |          |                 | NPT螺紋  |      |      |      |      |      |      |
|----------------|----------|-----------------|--------|------|------|------|------|------|------|
| T-Tube 外徑(in.) | P-NPT 尺寸 | 基本訂購資訊          | 尺寸, mm |      |      |      |      |      |      |
|                |          |                 | L      | C    | G    | F    | E    | B Lx |      |
| 1/16           | 1/16     | F1-45ME-NPT1-   | 15.7   | 8.6  | 7.9  | 9.5  | 1.3  | 9.7  | 14.5 |
| 1/8            | 1/8      | F2-45ME-NPT2-   | 20.8   | 12.7 | 11.1 | 11.1 | 2.3  | 9.7  | 16.8 |
| 3/16           | 1/8      | F3-45ME-NPT2-   | 21.6   | 13.7 | 12.7 | 11.1 | 3.0  | 9.7  | 14.7 |
| 1/4            | 1/8      | F4-45ME-NPT2-   | 24.6   | 15.2 | 14.3 | 12.7 | 4.8  | 9.7  | 16.5 |
| 1/4            | 1/4      | F4-45ME-NPT4-   | 24.6   | 15.2 | 14.3 | 12.7 | 4.8  | 14.3 | 21.1 |
| 5/16           | 1/8      | F5-45ME-NPT2-   | 24.1   | 16.3 | 15.9 | 14.3 | 4.8  | 9.7  | 16.8 |
| 3/8            | 1/8      | F6-45ME-NPT2-   | 27.9   | 16.8 | 17.5 | 15.9 | 4.8  | 9.7  | 18.3 |
| 3/8            | 1/4      | F6-45ME-NPT4-   | 27.9   | 16.8 | 17.5 | 15.9 | 7.1  | 14.3 | 22.9 |
| 3/8            | 3/8      | F6-45ME-NPT6-   | 29.2   | 16.8 | 17.5 | 20.6 | 7.1  | 19.1 | 24.1 |
| 1/2            | 3/8      | F8-45ME-NPT6-   | 32.0   | 22.9 | 22.2 | 20.6 | 9.7  | 19.1 | 24.1 |
| 5/8            | 1/2      | F10-45ME-NPT8-  | 30.7   | 24.4 | 25.4 | 23.8 | 11.9 | 19.1 | 29.7 |
| 3/4            | 3/4      | F12-45ME-NPT12- | 34.0   | 24.4 | 28.6 | 27.0 | 15.7 | 19.1 | 31.0 |
| 7/8            | 3/4      | F14-45ME-NPT12- | 40.4   | 25.9 | 31.8 | 31.8 | 15.7 | 19.1 | 32.3 |
| 1              | 1        | F16-45ME-NPT16- | 40.4   | 31.2 | 38.1 | 34.9 | 22.4 | 23.9 | 37.8 |

| 公制45°雙卡套陽螺紋彎頭 |          |                | NPT螺紋  |      |    |      |      |      |      |
|---------------|----------|----------------|--------|------|----|------|------|------|------|
| T-Tube 外徑(mm) | P-NPT 尺寸 | 基本訂購資訊         | 尺寸, mm |      |    |      |      |      |      |
|               |          |                | L      | C    | G  | F    | E    | B    | Lx   |
| 6             | 1/8      | M6-45ME-NPT2-  | 23.4   | 15.3 | 14 | 12.7 | 4.8  | 9.7  | 16.8 |
| 6             | 1/4      | M6-45ME-NPT4-  | 23.4   | 15.3 | 14 | 12.7 | 4.8  | 14.3 | 21.8 |
| 8             | 1/8      | M8-45ME-NPT2-  | 24.3   | 16.2 | 16 | 15.9 | 4.8  | 9.7  | 16.8 |
| 10            | 1/4      | M10-45ME-NPT4- | 26.6   | 17.2 | 19 | 17.5 | 7.9  | 14.3 | 24.1 |
| 12            | 3/8      | M12-45ME-NPT6- | 29.1   | 22.8 | 22 | 20.6 | 9.5  | 19.1 | 24.1 |
| 12            | 1/2      | M12-45ME-NPT8- | 30.7   | 22.8 | 22 | 20.6 | 9.5  | 19.1 | 29.7 |
| 16            | 1/2      | M16-45ME-NPT8- | 30.7   | 24.4 | 25 | 23.8 | 11.9 | 19.1 | 29.7 |

雙卡套可定位陽螺紋彎頭

SAE/MS 直螺紋

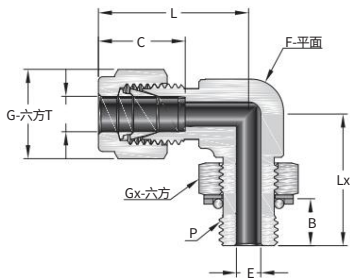
適用於SAE J1926-1、ISO 11926-1 和MS 16142 的直螺紋凸台。



| 英制雙卡套可定位陽螺紋彎頭      |                   |                | SAE/MS直螺紋 |      |      |      |      |      |       |      |
|--------------------|-------------------|----------------|-----------|------|------|------|------|------|-------|------|
| T-Tube 外<br>徑(in.) | P-SAE/MS 螺<br>紋尺寸 | 基本訂購資訊         | 尺寸, mm    |      |      |      |      |      |       |      |
|                    |                   |                | L         | B    | C    | G    | E    | F    | Lx Gx |      |
| 1/4                | 7/16-20           | F4-PME-PST7-   | 28.4      | 9.9  | 15.2 | 14.3 | 4.8  | 12.7 | 28.4  | 14.3 |
| 1/4                | 9/16-18           | F4-PME-PST9-   | 30.5      | 11.2 | 15.2 | 14.3 | 4.8  | 15.9 | 32.3  | 17.5 |
| 5/16               | 1/2-20            | F5-PME-PST8-   | 30.2      | 9.9  | 16.3 | 15.9 | 5.8  | 14.3 | 29.5  | 15.9 |
| 3/8                | 7/16-20           | F6-PME-PST7-   | 33.3      | 9.9  | 16.8 | 17.5 | 5.1  | 15.9 | 31.5  | 14.3 |
| 3/8                | 9/16-18           | F6-PME-PST9-   | 32.0      | 11.2 | 16.8 | 17.5 | 7.1  | 15.9 | 32.3  | 17.5 |
| 3/8                | 3/4-16            | F6-PME-PST12-  | 34.8      | 12.7 | 16.8 | 17.5 | 7.1  | 20.6 | 37.8  | 22.2 |
| 1/2                | 9/16-18           | F8-PME-PST9-   | 37.6      | 11.2 | 22.9 | 22.2 | 7.1  | 20.6 | 37.5  | 17.5 |
| 1/2                | 3/4-16            | F8-PME-PST12-  | 37.6      | 12.7 | 22.9 | 22.2 | 10.4 | 20.6 | 37.8  | 22.2 |
| 5/8                | 7/8-14            | F10-PME-PST14- | 39.6      | 14.2 | 24.4 | 25.4 | 12.7 | 23.8 | 43.4  | 25.4 |
| 3/4                | 1 1/16-12         | F12-PME-PST17- | 41.4      | 16.8 | 24.4 | 28.6 | 15.7 | 27.0 | 48.8  | 31.8 |
| 7/8                | 1 3/16-12         | F14-PME-PST19- | 43.2      | 16.8 | 25.9 | 31.8 | 18.3 | 30.2 | 50.5  | 34.9 |
| 1                  | 1 5/16-12         | F16-PME-PST21- | 50.5      | 16.8 | 31.2 | 38.1 | 22.4 | 34.9 | 53.6  | 38.1 |
| 1 1/4              | 1 5/8-12          | F20-PME-PST26- | 67.8      | 16.8 | 41.1 | 47.6 | 27.7 | 42.9 | 58.2  | 47.6 |
| 1 1/2              | 1 7/8-12          | F24-PME-PST30- | 78.0      | 16.8 | 50.0 | 57.2 | 34.0 | 50.8 | 60.5  | 54.0 |

雙卡套可定位陽螺紋彎頭

ISO平行螺紋



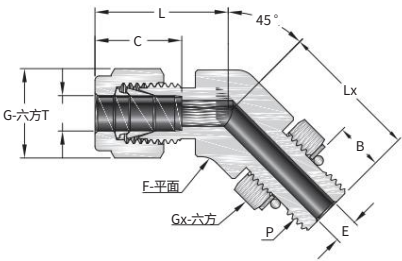
| 英制雙卡套可定位陽螺紋彎頭  |              |                | ISO平行螺紋(PPT) |      |      |      |      |      |       |      |
|----------------|--------------|----------------|--------------|------|------|------|------|------|-------|------|
| T-Tube 外徑(in.) | P-ISO 平行螺紋尺寸 | 基本訂購資訊         | 尺寸, mm       |      |      |      |      |      |       |      |
|                |              |                | L            | B    | C    | G    | E    | F    | Lx Gx |      |
| 1/4            | 1/8          | F4-PME-PPT2-   | 26.9         | 8.1  | 15.2 | 14.3 | 4.1  | 12.7 | 26.4  | 14.3 |
| 1/4            | 1/4          | F4-PME-PPT4-   | 29.0         | 9.1  | 15.2 | 14.3 | 4.8  | 15.9 | 32.3  | 19.1 |
| 3/8            | 1/4          | F6-PME-PPT4-   | 30.5         | 9.1  | 16.8 | 17.5 | 5.8  | 15.9 | 32.3  | 19.1 |
| 3/8            | 3/8          | F6-PME-PPT6-   | 33.3         | 9.4  | 16.8 | 17.5 | 7.1  | 20.6 | 37.1  | 22.2 |
| 1/2            | 1/4          | F8-PME-PPT4-   | 36.1         | 9.1  | 22.9 | 22.2 | 5.8  | 20.6 | 35.1  | 19.1 |
| 1/2            | 3/8          | F8-PME-PPT6-   | 36.1         | 9.4  | 22.9 | 22.2 | 7.9  | 20.6 | 37.1  | 22.2 |
| 1/2            | 1/2          | F8-PME-PPT8-   | 38.1         | 13.0 | 22.9 | 22.2 | 10.4 | 23.8 | 43.4  | 27.0 |
| 5/8            | 1/2          | F10-PME-PPT8-  | 38.1         | 13.0 | 24.4 | 25.4 | 11.9 | 23.8 | 43.4  | 27.0 |
| 3/4            | 1/2          | F12-PME-PPT8-  | 39.9         | 13.0 | 24.4 | 28.6 | 11.9 | 27.0 | 45.2  | 27.0 |
| 3/4            | 3/4          | F12-PME-PPT12- | 39.9         | 13.0 | 24.4 | 28.6 | 15.7 | 27.0 | 48.8  | 34.9 |
| 1              | 3/4          | F16-PME-PPT12- | 49.0         | 13.0 | 31.2 | 38.1 | 15.7 | 34.9 | 53.3  | 34.9 |
| 1              | 1            | F16-PME-PPT16- | 49.0         | 14.0 | 31.2 | 38.1 | 19.8 | 34.9 | 53.6  | 41.3 |

| 公制雙卡套可定位陽螺紋彎頭 |              |                | ISO平行螺紋(PPT) |      |      |    |     |      |       |      |
|---------------|--------------|----------------|--------------|------|------|----|-----|------|-------|------|
| T-Tube 外徑(mm) | P-ISO 平行螺紋尺寸 | 基本訂購資訊         | 尺寸, mm       |      |      |    |     |      |       |      |
|               |              |                | L            | B    | C    | G  | E   | F    | Lx Gx |      |
| 6             | 1/8          | M6-PME-PPT2-   | 27.0         | 8.1  | 15.3 | 14 | 4.0 | 12.7 | 26.4  | 14.3 |
| 6             | 1/4          | M6-PME-PPT4-   | 29.0         | 9.1  | 15.3 | 14 | 4.8 | 15.9 | 32.3  | 19.1 |
| 8             | 1/8          | M8-PME-PPT2-   | 28.8         | 8.1  | 16.2 | 16 | 4.0 | 14.3 | 27.4  | 14.3 |
| 8             | 1/4          | M8-PME-PPT4-   | 29.9         | 9.1  | 16.2 | 16 | 5.9 | 15.9 | 32.2  | 19.1 |
| 10            | 1/4          | M10-PME-PPT4-  | 33.5         | 9.1  | 17.2 | 19 | 5.9 | 20.6 | 35.0  | 19.1 |
| 10            | 3/8          | M10-PME-PPT6-  | 33.5         | 9.4  | 17.2 | 19 | 7.9 | 20.6 | 37.1  | 22.2 |
| 12            | 1/4          | M12-PME-PPT4-  | 36.0         | 9.1  | 22.8 | 22 | 5.9 | 20.6 | 35.0  | 19.1 |
| 12            | 3/8          | M12-PME-PPT6-  | 36.0         | 9.4  | 22.8 | 22 | 7.9 | 20.6 | 37.1  | 22.2 |
| 12            | 1/2          | M12-PME-PPT8-  | 38.0         | 13.0 | 22.8 | 22 | 9.5 | 23.8 | 43.4  | 27.0 |
| 12            | 3/4          | M12-PME-PPT12- | 39.8         | 13.0 | 22.8 | 22 | 9.5 | 27.0 | 48.8  | 34.9 |

45°雙卡套可定位陽螺紋彎頭

SAE/MS 直螺紋

適用於SAE J1926-1、ISO 11926-1 和MS 16142 的直螺紋凸台。

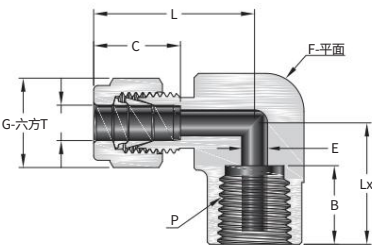


英制45°雙卡套可定位陽螺紋彎頭

SAE/MS直螺紋

| T-Tube 外<br>徑(in.) | P-SAE/MS 螺<br>紋尺寸 | 基本訂購資訊           | 尺寸, mm |      |      |      |      |      |       |      |
|--------------------|-------------------|------------------|--------|------|------|------|------|------|-------|------|
|                    |                   |                  | L      | B    | C    | G    | E    | F    | Lx Gx |      |
| 1/4                | 7/16-20           | F4-45PME-PST7-   | 25.7   | 9.9  | 15.2 | 14.3 | 4.8  | 12.7 | 25.7  | 14.3 |
| 3/8                | 9/16-18           | F6-45PME-PST9-   | 27.9   | 11.2 | 16.8 | 17.5 | 7.1  | 15.9 | 28.2  | 17.5 |
| 1/2                | 3/4-16            | F8-45PME-PST12-  | 32.0   | 12.7 | 22.9 | 22.2 | 10.4 | 20.6 | 32.3  | 22.2 |
| 3/4                | 1 1/16-12         | F12-45PME-PST17- | 39.9   | 16.8 | 24.4 | 28.6 | 15.7 | 27.0 | 47.2  | 31.8 |
| 1                  | 1 5/16-12         | F16-45PME-PST21- | 47.5   | 16.8 | 31.2 | 38.1 | 22.4 | 33.3 | 50.5  | 38.1 |

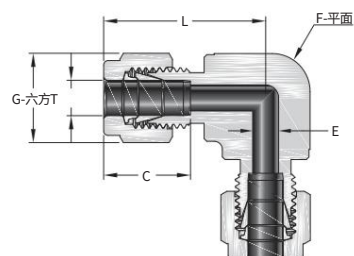
雙卡套陰螺紋彎頭



| 英制雙卡套陰螺紋彎頭     |          |                | NPT螺紋  |      |      |      |      |      |      |
|----------------|----------|----------------|--------|------|------|------|------|------|------|
| T-Tube 外徑(in.) | P-NPT 尺寸 | 基本訂購資訊         | 尺寸, mm |      |      |      |      |      |      |
|                |          |                | L      | B    | C    | G    | E    | F    | Lx   |
| 1/16           | 1/16     | F1-FE-FNPT1-   | 18.0   | 9.9  | 8.6  | 7.9  | 1.3  | 11.1 | 14.2 |
| 1/16           | 1/8      | F1-FE-FNPT2-   | 20.6   | 10.4 | 8.6  | 7.9  | 1.3  | 14.3 | 19.1 |
| 1/8            | 1/8      | F2-FE-FNPT2-   | 24.6   | 10.4 | 12.7 | 11.1 | 2.3  | 14.3 | 19.1 |
| 1/8            | 1/4      | F2-FE-FNPT4-   | 27.4   | 15.0 | 12.7 | 11.1 | 2.3  | 17.5 | 22.4 |
| 3/16           | 1/8      | F3-FE-FNPT2-   | 25.4   | 10.4 | 13.7 | 12.7 | 3.0  | 12.7 | 19.1 |
| 1/4            | 1/8      | F4-FE-FNPT2-   | 26.9   | 10.4 | 15.2 | 14.3 | 4.8  | 14.3 | 19.1 |
| 1/4            | 1/4      | F4-FE-FNPT4-   | 29.7   | 15.0 | 15.2 | 14.3 | 4.8  | 17.5 | 22.4 |
| 1/4            | 3/8      | F4-FE-FNPT6-   | 31.8   | 15.0 | 15.2 | 14.3 | 4.8  | 20.6 | 22.4 |
| 1/4            | 1/2      | F4-FE-FNPT8-   | 34.5   | 19.8 | 15.2 | 14.3 | 4.8  | 25.4 | 28.4 |
| 5/16           | 1/8      | F5-FE-FNPT2-   | 28.7   | 10.4 | 16.3 | 15.9 | 6.4  | 14.3 | 19.1 |
| 5/16           | 1/4      | F5-FE-FNPT4-   | 30.5   | 15.0 | 16.3 | 15.9 | 6.4  | 17.5 | 22.4 |
| 3/8            | 1/8      | F6-FE-FNPT2-   | 30.5   | 10.4 | 16.8 | 17.5 | 7.1  | 15.9 | 19.1 |
| 3/8            | 1/4      | F6-FE-FNPT4-   | 31.2   | 15.0 | 16.8 | 17.5 | 7.1  | 17.5 | 22.4 |
| 3/8            | 3/8      | F6-FE-FNPT6-   | 33.3   | 15.0 | 16.8 | 17.5 | 7.1  | 20.6 | 22.4 |
| 3/8            | 1/2      | F6-FE-FNPT8-   | 36.1   | 19.8 | 16.8 | 17.5 | 7.1  | 25.4 | 28.4 |
| 1/2            | 1/4      | F8-FE-FNPT4-   | 36.1   | 15.0 | 22.9 | 22.2 | 10.4 | 20.6 | 22.4 |
| 1/2            | 3/8      | F8-FE-FNPT6-   | 36.1   | 15.0 | 22.9 | 22.2 | 10.4 | 20.6 | 22.4 |
| 1/2            | 1/2      | F8-FE-FNPT8-   | 38.9   | 19.8 | 22.9 | 22.2 | 10.4 | 25.4 | 28.4 |
| 5/8            | 3/8      | F10-FE-FNPT6-  | 38.1   | 15.0 | 24.4 | 25.4 | 12.7 | 23.8 | 22.4 |
| 5/8            | 1/2      | F10-FE-FNPT8-  | 39.9   | 19.8 | 24.4 | 25.4 | 12.7 | 27.0 | 28.4 |
| 3/4            | 1/2      | F12-FE-FNPT8-  | 39.9   | 19.8 | 24.4 | 28.6 | 15.7 | 27.0 | 28.4 |
| 3/4            | 3/4      | F12-FE-FNPT12- | 44.7   | 20.6 | 24.4 | 28.6 | 15.7 | 34.9 | 31.8 |
| 7/8            | 3/4      | F14-FE-FNPT12- | 44.7   | 20.6 | 25.9 | 31.8 | 18.3 | 34.9 | 31.8 |
| 1              | 3/4      | F16-FE-FNPT12- | 49.0   | 20.6 | 31.2 | 38.1 | 22.4 | 34.9 | 31.8 |
| 1              | 1        | F16-FE-FNPT16- | 53.6   | 25.4 | 31.2 | 38.1 | 22.4 | 42.9 | 38.1 |

| 公制雙卡套陰螺紋彎頭     |               |               | NPT螺紋  |      |      |    |      |      |      |
|----------------|---------------|---------------|--------|------|------|----|------|------|------|
| T-Tube 徑尺寸(mm) | P-NPT 外尺寸(mm) | 基本訂購資訊        | 尺寸, mm |      |      |    |      |      |      |
|                |               |               | L      | B    | C    | G  | E    | F    | Lx   |
| 6              | 1/8           | M6-FE-FNPT2-  | 27.0   | 10.4 | 15.3 | 14 | 4.8  | 12.7 | 19.0 |
| 6              | 1/4           | M6-FE-FNPT4-  | 29.8   | 15.0 | 15.3 | 14 | 4.8  | 17.5 | 22.4 |
| 8              | 1/8           | M8-FE-FNPT2-  | 28.8   | 10.4 | 16.2 | 16 | 4.8  | 14.3 | 19.1 |
| 8              | 1/4           | M8-FE-FNPT4-  | 30.6   | 15.0 | 16.2 | 16 | 6.4  | 17.5 | 22.4 |
| 10             | 1/4           | M10-FE-FNPT4- | 33.5   | 15.0 | 17.2 | 19 | 7.9  | 20.6 | 22.4 |
| 10             | 3/8           | M10-FE-FNPT6- | 33.5   | 15.0 | 17.2 | 19 | 7.9  | 20.6 | 22.4 |
| 10             | 1/2           | M10-FE-FNPT8- | 36.6   | 19.8 | 17.2 | 19 | 7.9  | 25.4 | 28.5 |
| 12             | 1/4           | M12-FE-FNPT4- | 36.0   | 15.0 | 22.8 | 22 | 7.9  | 20.6 | 22.4 |
| 12             | 3/8           | M12-FE-FNPT6- | 36.0   | 15.0 | 22.8 | 22 | 9.5  | 20.6 | 22.4 |
| 12             | 1/2           | M12-FE-FNPT8- | 38.8   | 19.8 | 22.8 | 22 | 9.5  | 25.4 | 28.4 |
| 16             | 3/8           | M16-FE-FNPT6- | 39.5   | 15.0 | 24.4 | 25 | 9.5  | 27.0 | 23.6 |
| 16             | 1/2           | M16-FE-FNPT8- | 39.5   | 19.8 | 24.4 | 25 | 12.7 | 27.0 | 28.5 |

## 雙卡套彎頭



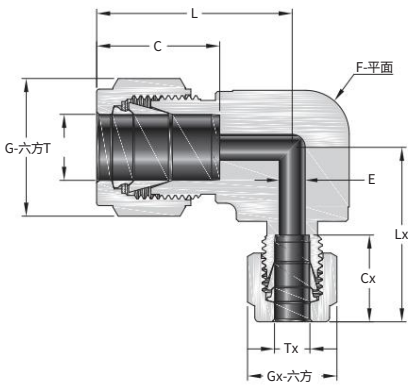
英制雙卡套彎頭

| T-Tube 外徑(in.) | 基本訂購資訊      | 尺寸, mm |      |      |      |      |
|----------------|-------------|--------|------|------|------|------|
|                |             | L      | C    | G    | F    | E    |
| 1/16           | F1-UE-F1-   | 17.8   | 8.6  | 7.9  | 9.5  | 1.3  |
| 1/8            | F2-UE-F2-   | 22.4   | 12.7 | 11.1 | 9.5  | 2.3  |
| 3/16           | F3-UE-F3-   | 25.4   | 13.7 | 12.7 | 12.7 | 3.0  |
| 1/4            | F4-UE-F4-   | 26.9   | 15.2 | 14.3 | 12.7 | 4.8  |
| 5/16           | F5-UE-F5-   | 28.7   | 16.3 | 15.9 | 14.3 | 6.4  |
| 3/8            | F6-UE-F6-   | 30.5   | 16.8 | 17.5 | 15.9 | 7.1  |
| 1/2            | F8-UE-F8-   | 36.1   | 22.9 | 22.2 | 20.6 | 10.4 |
| 5/8            | F10-UE-F10- | 38.1   | 24.4 | 25.4 | 23.8 | 12.7 |
| 3/4            | F12-UE-F12- | 39.9   | 24.4 | 28.6 | 27.0 | 15.7 |
| 7/8            | F14-UE-F14- | 44.7   | 25.9 | 31.8 | 34.9 | 18.3 |
| 1              | F16-UE-F16- | 49.0   | 31.2 | 38.1 | 34.9 | 22.4 |
| 1 1/8          | F18-UE-F18- | 55.1   | 31.2 | 41.3 | 42.9 | 24.6 |
| 1 1/4          | F20-UE-F20- | 66.5   | 41.1 | 47.6 | 42.9 | 27.7 |
| 1 1/2          | F24-UE-F24- | 78.0   | 50.0 | 57.2 | 50.8 | 34.0 |

公制雙卡套彎頭

| T-Tube 外徑(mm) | 基本訂購資訊      | 尺寸, mm |      |    |      |      |
|---------------|-------------|--------|------|----|------|------|
|               |             | L      | C    | G  | F    | E    |
| 3             | M3-UE-M3-   | 22.3   | 12.9 | 12 | 9.5  | 2.4  |
| 4             | M4-UE-M4-   | 25.4   | 13.7 | 12 | 12.7 | 2.4  |
| 6             | M6-UE-M6-   | 27.0   | 15.3 | 14 | 12.7 | 4.8  |
| 8             | M8-UE-M8-   | 28.8   | 16.2 | 16 | 14.3 | 6.4  |
| 10            | M10-UE-M10- | 31.5   | 17.2 | 19 | 17.5 | 7.9  |
| 12            | M12-UE-M12- | 36.0   | 22.8 | 22 | 20.6 | 9.5  |
| 14            | M14-UE-M14- | 38.0   | 24.4 | 25 | 23.8 | 11.0 |
| 15            | M15-UE-M15- | 38.8   | 24.4 | 25 | 23.8 | 11.9 |
| 16            | M16-UE-M16- | 38.0   | 24.4 | 25 | 23.8 | 12.7 |
| 18            | M18-UE-M18- | 39.8   | 24.4 | 30 | 27.0 | 15.1 |
| 20            | M20-UE-M20- | 44.6   | 26.0 | 32 | 34.9 | 15.9 |
| 22            | M22-UE-M22- | 44.6   | 26.0 | 32 | 34.9 | 18.3 |
| 25            | M25-UE-M25- | 49.1   | 31.3 | 38 | 34.9 | 21.8 |
| 28            | M28-UE-M28- | 64.0   | 36.6 | 46 | 42.9 | 21.8 |
| 30            | M30-UE-M30- | 69.9   | 39.6 | 50 | 42.9 | 26.2 |
| 32            | M32-UE-M32- | 72.3   | 42.0 | 50 | 42.9 | 28.6 |
| 38            | M38-UE-M38- | 84.0   | 49.4 | 60 | 50.8 | 33.7 |

縮徑雙卡套彎頭



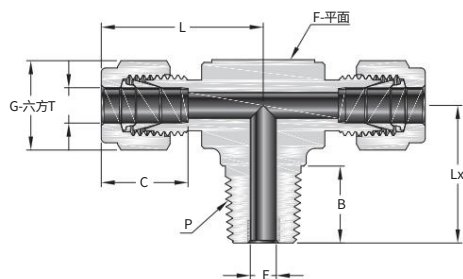
英制縮徑雙卡套彎頭

| T-Tube 外<br>徑(in.) | Tx-Tube 外<br>徑(in.) | 基本訂購資訊      | 尺寸, mm |      |      |      |      |       |      |      |
|--------------------|---------------------|-------------|--------|------|------|------|------|-------|------|------|
|                    |                     |             | LCG    |      |      | F    | E Cx | Gx Lx |      |      |
| 3/16               | 1/8                 | F3-UE-F2-   | 25.4   | 13.7 | 12.7 | 12.7 | 2.3  | 12.7  | 11.1 | 24.7 |
| 1/4                | 1/8                 | F4-UE-F2-   | 26.9   | 15.2 | 14.3 | 12.7 | 2.3  | 12.7  | 11.1 | 25.4 |
| 5/16               | 1/8                 | F5-UE-F2-   | 29.7   | 16.3 | 15.9 | 14.3 | 2.3  | 12.7  | 11.1 | 26.4 |
| 5/16               | 1/4                 | F5-UE-F4-   | 29.7   | 16.3 | 15.9 | 14.3 | 4.8  | 15.2  | 14.3 | 29.0 |
| 3/8                | 1/8                 | F6-UE-F2-   | 30.5   | 16.8 | 17.5 | 15.9 | 2.3  | 12.7  | 11.1 | 26.4 |
| 3/8                | 1/4                 | F6-UE-F4-   | 30.5   | 16.8 | 17.5 | 15.9 | 4.8  | 15.2  | 14.3 | 29.0 |
| 3/8                | 5/16                | F6-UE-F5-   | 30.5   | 16.8 | 17.5 | 15.9 | 6.4  | 16.3  | 15.9 | 29.7 |
| 1/2                | 1/4                 | F8-UE-F4-   | 36.1   | 22.9 | 22.2 | 20.6 | 4.8  | 15.2  | 14.3 | 32.2 |
| 1/2                | 5/16                | F8-UE-F5-   | 36.1   | 22.9 | 22.2 | 20.6 | 6.4  | 16.3  | 15.9 | 32.5 |
| 1/2                | 3/8                 | F8-UE-F6-   | 36.1   | 22.9 | 22.2 | 20.6 | 7.1  | 16.8  | 17.5 | 33.6 |
| 5/8                | 3/8                 | F10-UE-F6-  | 38.1   | 24.4 | 25.4 | 23.8 | 7.1  | 16.8  | 17.5 | 35.6 |
| 5/8                | 1/2                 | F10-UE-F8-  | 38.1   | 24.4 | 25.4 | 23.8 | 10.4 | 22.9  | 22.2 | 38.1 |
| 3/4                | 1/4                 | F12-UE-F4-  | 39.9   | 24.4 | 28.6 | 27.0 | 4.8  | 15.2  | 14.3 | 35.9 |
| 3/4                | 3/8                 | F12-UE-F6-  | 39.9   | 24.4 | 28.6 | 27.0 | 7.1  | 16.8  | 17.5 | 37.4 |
| 3/4                | 1/2                 | F12-UE-F8-  | 39.9   | 24.4 | 28.6 | 27.0 | 10.4 | 22.9  | 22.2 | 39.9 |
| 7/8                | 1/4                 | F14-UE-F4-  | 44.7   | 25.9 | 31.8 | 34.9 | 4.8  | 15.2  | 14.3 | 40.7 |
| 1                  | 1/2                 | F16-UE-F8-  | 49.0   | 31.2 | 38.1 | 34.9 | 10.4 | 22.9  | 22.2 | 44.4 |
| 1                  | 3/4                 | F16-UE-F12- | 49.0   | 31.2 | 38.1 | 34.9 | 15.7 | 24.4  | 28.6 | 44.4 |

公制縮徑雙卡套彎頭

| T-Tube 外<br>徑<br>(mm) | Tx-Tube 外<br>徑<br>(mm) | 基本訂購資訊      | 尺寸, mm |      |    |      |      |       |    |      |
|-----------------------|------------------------|-------------|--------|------|----|------|------|-------|----|------|
|                       |                        |             | L      | CGF  |    |      | E Cx | Gx Lx |    |      |
| 8                     | 6                      | M8-UE-M6-   | 28.8   | 16.2 | 16 | 14.3 | 4.8  | 15.3  | 14 | 27.9 |
| 10                    | 8                      | M10-UE-M8-  | 31.5   | 17.2 | 19 | 17.5 | 6.4  | 16.2  | 16 | 30.5 |
| 12                    | 8                      | M12-UE-M8-  | 36.0   | 22.8 | 22 | 20.6 | 6.4  | 16.2  | 16 | 32.6 |
| 14                    | 8                      | M14-UE-M8-  | 38.8   | 24.4 | 25 | 23.8 | 6.4  | 16.2  | 16 | 35.4 |
| 14                    | 10                     | M14-UE-M10- | 38.8   | 24.4 | 25 | 23.8 | 7.9  | 17.2  | 19 | 36.4 |

## 雙卡套支管陽螺紋三通



英制雙卡套支管陽螺紋三通

NPT螺紋

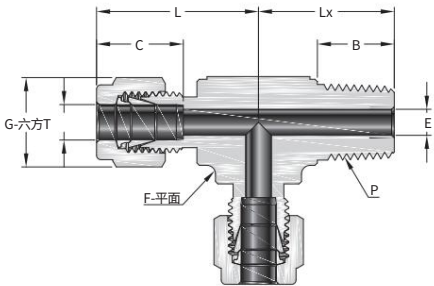
| T-Tube 外徑 (in.) | P-NPT 尺寸 | 基本訂購資訊             | 尺寸, mm |      |      |      |      |      |      |
|-----------------|----------|--------------------|--------|------|------|------|------|------|------|
|                 |          |                    | LCGF   |      |      |      | E    | B    | Lx   |
| 1/8             | 1/8      | F2-MBT-F2-NPT2-    | 23.6   | 12.7 | 11.1 | 11.1 | 2.3  | 9.7  | 17.8 |
| 1/8             | 1/4      | F2-MBT-F2-NPT4-    | 24.6   | 12.7 | 11.1 | 12.7 | 2.3  | 14.2 | 23.4 |
| 3/16            | 1/8      | F3-MBT-F3-NPT2-    | 24.4   | 13.7 | 12.7 | 11.1 | 3.0  | 9.7  | 17.8 |
| 1/4             | 1/8      | F4-MBT-F4-NPT2-    | 26.9   | 15.2 | 14.3 | 12.7 | 4.8  | 9.7  | 18.8 |
| 1/4             | 1/4      | F4-MBT-F4-NPT4-    | 26.9   | 15.2 | 14.3 | 12.7 | 4.8  | 14.2 | 23.4 |
| 5/16            | 1/8      | F5-MBT-F5-NPT2-    | 29.7   | 16.3 | 15.9 | 15.9 | 4.8  | 9.7  | 20.8 |
| 5/16            | 1/4      | F5-MBT-F5-NPT4-    | 29.7   | 16.3 | 15.9 | 15.9 | 6.4  | 14.2 | 25.7 |
| 3/8             | 1/4      | F6-MBT-F6-NPT4-    | 30.5   | 16.8 | 17.5 | 15.9 | 7.1  | 14.2 | 25.4 |
| 3/8             | 3/8      | F6-MBT-F6-NPT6-    | 33.3   | 16.8 | 17.5 | 20.6 | 7.1  | 14.2 | 28.2 |
| 1/2             | 3/8      | F8-MBT-F8-NPT6-    | 36.1   | 22.9 | 22.2 | 20.6 | 9.7  | 14.2 | 28.2 |
| 1/2             | 1/2      | F8-MBT-F8-NPT8-    | 36.1   | 22.9 | 22.2 | 20.6 | 10.4 | 19.1 | 33.0 |
| 5/8             | 1/2      | F10-MBT-F10-NPT8-  | 38.9   | 24.4 | 25.4 | 25.4 | 11.9 | 19.1 | 35.8 |
| 3/4             | 3/4      | F12-MBT-F12-NPT12- | 39.9   | 24.4 | 28.6 | 27.0 | 15.7 | 19.1 | 36.8 |
| 7/8             | 3/4      | F14-MBT-F14-NPT12- | 44.7   | 25.9 | 31.8 | 33.3 | 15.7 | 19.1 | 38.1 |
| 1               | 3/4      | F16-MBT-F16-NPT12- | 49.3   | 31.2 | 38.1 | 33.3 | 15.7 | 19.1 | 42.2 |
| 1               | 1        | F16-MBT-F16-NPT16- | 49.3   | 31.2 | 38.1 | 34.9 | 22.4 | 23.9 | 46.7 |

公制雙卡套支管陽螺紋三通

NPT螺紋

| T-Tube 外徑 (mm) | P-NPT 尺寸 | 基本訂購資訊            | 尺寸, mm |      |    |      |      |      |      |
|----------------|----------|-------------------|--------|------|----|------|------|------|------|
|                |          |                   | L      | CGF  |    |      | E    | B    | Lx   |
| 6              | 1/8      | M6-MBT-M6-NPT2-   | 27.0   | 15.3 | 14 | 12.7 | 4.8  | 9.7  | 18.8 |
| 6              | 1/4      | M6-MBT-M6-NPT4-   | 27.0   | 15.3 | 14 | 12.7 | 4.8  | 14.2 | 23.4 |
| 8              | 1/8      | M8-MBT-M8-NPT2-   | 29.9   | 16.2 | 16 | 15.9 | 4.8  | 9.7  | 20.8 |
| 8              | 1/4      | M8-MBT-M8-NPT4-   | 29.9   | 16.2 | 16 | 15.9 | 6.4  | 14.2 | 25.4 |
| 10             | 1/4      | M10-MBT-M10-NPT4- | 33.5   | 17.2 | 19 | 20.6 | 7.9  | 14.2 | 28.2 |
| 10             | 3/8      | M10-MBT-M10-NPT6- | 33.5   | 17.2 | 19 | 20.6 | 7.9  | 14.2 | 28.2 |
| 12             | 1/4      | M12-MBT-M12-NPT4- | 36.0   | 22.8 | 22 | 20.6 | 7.9  | 14.2 | 28.2 |
| 12             | 3/8      | M12-MBT-M12-NPT6- | 36.0   | 22.8 | 22 | 20.6 | 9.5  | 14.2 | 28.2 |
| 12             | 1/2      | M12-MBT-M12-NPT8- | 36.0   | 22.8 | 22 | 20.6 | 9.5  | 19.1 | 33.0 |
| 16             | 1/2      | M16-MBT-M16-NPT8- | 38.8   | 24.4 | 25 | 25.4 | 11.9 | 19.1 | 35.8 |

雙卡套主管陽螺紋三通



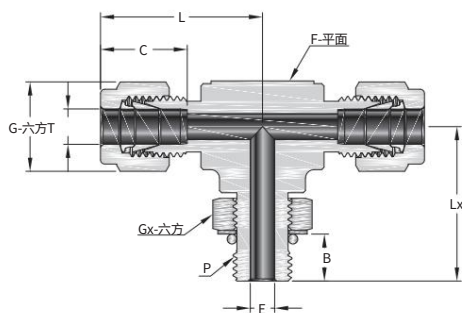
| 英制雙卡套主管陽螺紋三通   |          |                    | NPT螺紋  |      |      |      |      |      |      |
|----------------|----------|--------------------|--------|------|------|------|------|------|------|
| T-Tube 外徑(in.) | P-NPT 尺寸 | 基本訂購資訊             | 尺寸, mm |      |      |      |      |      |      |
|                |          |                    | L      | CG   |      | F    | E    | B    | Lx   |
| 1/8            | 1/8      | F2-MRT-NPT2-F2-    | 23.6   | 12.7 | 11.1 | 11.1 | 2.3  | 9.7  | 17.8 |
| 1/8            | 1/4      | F2-MRT-NPT4-F2-    | 24.6   | 12.7 | 11.1 | 12.7 | 2.3  | 14.2 | 23.4 |
| 3/16           | 1/8      | F3-MRT-NPT2-F3-    | 24.4   | 13.7 | 12.7 | 11.1 | 3.0  | 9.7  | 17.8 |
| 1/4            | 1/8      | F4-MRT-NPT2-F4-    | 26.9   | 15.2 | 14.3 | 12.7 | 4.8  | 9.7  | 18.8 |
| 1/4            | 1/4      | F4-MRT-NPT4-F4-    | 26.9   | 15.2 | 14.3 | 12.7 | 4.8  | 14.2 | 23.4 |
| 5/16           | 1/8      | F5-MRT-NPT2-F5-    | 29.7   | 16.3 | 15.9 | 15.9 | 4.8  | 9.7  | 20.8 |
| 5/16           | 1/4      | F5-MRT-NPT4-F5-    | 29.7   | 16.3 | 15.9 | 15.9 | 6.4  | 14.2 | 25.7 |
| 3/8            | 1/4      | F6-MRT-NPT4-F6-    | 30.5   | 16.8 | 17.5 | 15.9 | 7.1  | 14.2 | 25.4 |
| 3/8            | 3/8      | F6-MRT-NPT6-F6-    | 33.3   | 16.8 | 17.5 | 20.6 | 7.1  | 14.2 | 28.2 |
| 1/2            | 3/8      | F8-MRT-NPT6-F8-    | 36.1   | 22.9 | 22.2 | 20.6 | 9.7  | 14.2 | 28.2 |
| 1/2            | 1/2      | F8-MRT-NPT8-F8-    | 36.1   | 22.9 | 22.2 | 20.6 | 10.4 | 19.1 | 33.0 |
| 5/8            | 1/2      | F10-MRT-NPT8-F10-  | 38.1   | 24.4 | 25.4 | 23.8 | 11.9 | 19.1 | 35.8 |
| 3/4            | 3/4      | F12-MRT-NPT12-F12- | 39.9   | 24.4 | 28.6 | 27.0 | 15.7 | 19.1 | 36.8 |
| 7/8            | 3/4      | F14-MRT-NPT12-F14- | 44.7   | 25.9 | 31.8 | 33.3 | 15.7 | 19.1 | 38.1 |
| 1              | 3/4      | F16-MRT-NPT12-F16- | 49.3   | 31.2 | 38.1 | 33.3 | 15.7 | 19.1 | 42.2 |
| 1              | 1        | F16-MRT-NPT16-F16- | 49.3   | 31.2 | 38.1 | 34.9 | 22.4 | 23.9 | 46.7 |

| 公制雙卡套主管陽螺紋三通   |          |                   |        |      |    |      | NPT螺紋 |      |      |
|----------------|----------|-------------------|--------|------|----|------|-------|------|------|
| T-Tube 外徑 (mm) | P-NPT 尺寸 | 基本訂購資訊            | 尺寸, mm |      |    |      |       |      |      |
|                |          |                   | L      | C    | G  | F    | E     | B    | Lx   |
| 6              | 1/8      | M6-MRT-NPT2-M6-   | 27.0   | 15.3 | 14 | 12.7 | 4.8   | 9.7  | 18.0 |
| 6              | 1/4      | M6-MRT-NPT4-M6-   | 27.0   | 15.3 | 14 | 12.7 | 4.8   | 14.2 | 23.4 |
| 8              | 1/8      | M8-MRT-NPT2-M8-   | 29.9   | 16.2 | 16 | 15.9 | 4.8   | 9.7  | 20.8 |
| 8              | 1/4      | M8-MRT-NPT4-M8-   | 29.9   | 16.2 | 16 | 15.9 | 6.4   | 14.2 | 25.4 |
| 10             | 1/4      | M10-MRT-NPT4-M10- | 33.5   | 17.2 | 19 | 20.6 | 7.9   | 14.2 | 28.2 |
| 10             | 1/2      | M10-MRT-NPT8-M10- | 33.5   | 17.2 | 19 | 20.6 | 7.9   | 14.2 | 28.2 |
| 12             | 1/4      | M12-MRT-NPT4-M12- | 36.0   | 22.8 | 22 | 20.6 | 7.9   | 14.2 | 28.2 |
| 12             | 3/8      | M12-MRT-NPT6-M12- | 36.0   | 22.8 | 22 | 20.6 | 9.5   | 14.2 | 28.2 |
| 12             | 1/2      | M12-MRT-NPT8-M12- | 36.0   | 22.8 | 22 | 20.6 | 9.5   | 19.1 | 33.0 |
| 16             | 1/2      | M16-MRT-NPT8-M16- | 38.0   | 24.4 | 25 | 23.8 | 11.9  | 19.1 | 35.0 |

## 雙卡套可定位支管三通

SAE/MS 直螺紋

適用於SAE J1926-1、ISO 11926-1 和MS 16142  
的直螺紋凸台。



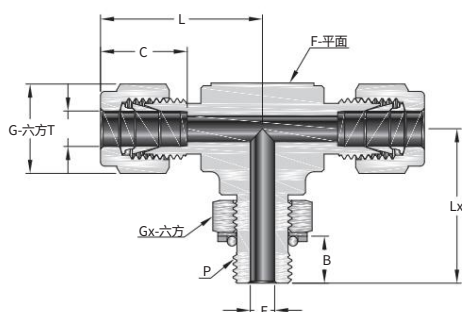
英制雙卡套可定位支管三通

SAE/MS直螺紋

| T-Tube 外<br>徑(in.) | P-SAE/MS 螺<br>紋尺寸 | 基本訂購資訊              | 尺寸, mm |      |      |      |      |      |       |      |
|--------------------|-------------------|---------------------|--------|------|------|------|------|------|-------|------|
|                    |                   |                     | L      | B    | C    | E    | G    | F    | Lx Gx |      |
| 1/4                | 7/16-20           | F4-PMBT-F4-PST7-    | 28.5   | 9.9  | 15.2 | 4.8  | 14.3 | 12.7 | 28.5  | 14.3 |
| 3/8                | 9/16-18           | F6-PMBT-F6-PST9-    | 32.0   | 11.2 | 16.8 | 7.1  | 17.5 | 15.9 | 32.3  | 17.5 |
| 1/2                | 3/4-16            | F8-PMBT-F8-PST12-   | 37.6   | 12.7 | 22.9 | 10.4 | 22.2 | 20.6 | 37.8  | 22.2 |
| 3/4                | 1 1/16-12         | F12-PMBT-F12-PST17- | 41.4   | 16.8 | 24.4 | 15.7 | 28.6 | 27.0 | 48.8  | 28.6 |
| 1                  | 1 5/16-12         | F16-PMBT-F16-PST21- | 50.5   | 16.8 | 31.2 | 22.4 | 38.1 | 34.9 | 53.6  | 38.1 |
| 1 1/4              | 1 5/8-12          | F20-PMBT-F20-PST26- | 67.8   | 16.8 | 41.1 | 27.7 | 47.6 | 42.9 | 58.2  | 47.6 |
| 1 1/4              | 1 7/8-12          | F24-PMBT-F24-PST30- | 78.0   | 16.8 | 50.0 | 34.0 | 57.2 | 50.8 | 60.5  | 54.0 |

## 雙卡套可定位支管三通

ISO平行螺紋



英制雙卡套可定位支管三通

ISO平行螺紋(PPT)

| T-Tube 外<br>徑(in.) | P-ISO<br>平行螺紋尺寸 | 基本訂購資訊              | 尺寸, mm |      |      |      |      |      |       |      |
|--------------------|-----------------|---------------------|--------|------|------|------|------|------|-------|------|
|                    |                 |                     | L      | B    | C    | E    | G    | F    | Lx Gx |      |
| 1/4                | 1/8             | F4-PMBT-F4-PPT2-    | 26.9   | 8.1  | 15.2 | 4.1  | 14.3 | 12.7 | 26.4  | 14.3 |
| 1/4                | 1/4             | F4-PMBT-F4-PPT4-    | 29.0   | 9.1  | 15.2 | 4.8  | 14.3 | 15.9 | 32.3  | 19.1 |
| 3/8                | 1/4             | F6-PMBT-F6-PPT4-    | 30.5   | 9.1  | 16.8 | 5.8  | 17.5 | 15.9 | 32.3  | 19.1 |
| 1/2                | 3/8             | F8-PMBT-F8-PPT6-    | 36.1   | 9.4  | 22.9 | 7.9  | 22.2 | 20.6 | 37.1  | 22.2 |
| 1/2                | 1/2             | F8-PMBT-F8-PPT8-    | 38.1   | 13.0 | 22.9 | 10.4 | 22.2 | 23.8 | 43.4  | 27.0 |
| 5/8                | 1/2             | F10-PMBT-F10-PPT8-  | 38.1   | 13.0 | 24.4 | 11.9 | 25.4 | 23.8 | 43.4  | 27.0 |
| 3/4                | 1/2             | F12-PMBT-F12-PPT8-  | 39.9   | 13.0 | 24.4 | 11.9 | 28.6 | 27.0 | 45.2  | 27.0 |
| 3/4                | 3/4             | F12-PMBT-F12-PPT12- | 39.9   | 13.0 | 24.4 | 15.7 | 28.6 | 27.0 | 48.8  | 34.9 |
| 1                  | 1               | F16-PMBT-F16-PPT16- | 49.0   | 14.0 | 31.2 | 19.8 | 38.1 | 34.9 | 53.6  | 41.3 |

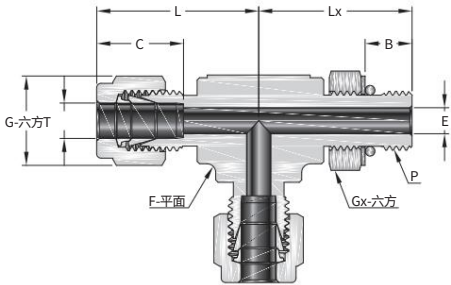
公制雙卡套可定位支管三通

ISO平行螺紋(PPT)

| T-Tube 外<br>徑(mm) | P-ISO<br>平行螺紋尺寸 | 基本訂購資訊             | 尺寸, mm |      |      |     |    |      |       |      |
|-------------------|-----------------|--------------------|--------|------|------|-----|----|------|-------|------|
|                   |                 |                    | L      | B    | C    | E   | G  | F    | Lx Gx |      |
| 6                 | 1/8             | M6-PMBT-M6-PPT2-   | 27.0   | 8.1  | 15.3 | 4.0 | 14 | 12.7 | 26.4  | 14.3 |
| 6                 | 1/4             | M6-PMBT-M6-PPT4-   | 29.0   | 9.1  | 15.3 | 4.8 | 14 | 15.9 | 32.2  | 19.1 |
| 8                 | 1/8             | M8-PMBT-M8-PPT2-   | 28.8   | 8.1  | 16.2 | 4.0 | 16 | 14.3 | 27.5  | 14.3 |
| 8                 | 1/4             | M8-PMBT-M8-PPT4-   | 29.9   | 9.1  | 16.2 | 5.9 | 16 | 15.9 | 32.2  | 19.1 |
| 10                | 1/4             | M10-PMBT-M10-PPT4- | 33.5   | 9.1  | 17.2 | 5.9 | 19 | 20.6 | 35.1  | 19.1 |
| 12                | 3/8             | M12-PMBT-M12-PPT6- | 36.0   | 9.4  | 22.8 | 7.9 | 22 | 20.6 | 37.1  | 22.2 |
| 12                | 1/2             | M12-PMBT-M12-PPT8- | 38.0   | 13.0 | 22.8 | 9.5 | 22 | 23.8 | 43.5  | 27.0 |

雙卡套可定位主管三通

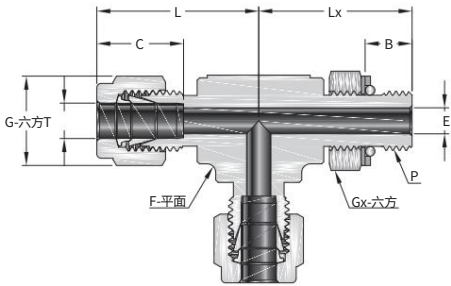
SAE/MS 直螺紋  
適用於SAE J1926-1、ISO 11926-1 和MS 16142  
的直螺紋凸台。



| T-Tube 外<br>徑(in.) | P-SAE/MS 螺<br>紋尺<br>寸 | 基本訂購資訊              | 尺寸, mm |      |      |      |      |      |       |      |
|--------------------|-----------------------|---------------------|--------|------|------|------|------|------|-------|------|
|                    |                       |                     | L      | B    | C    | E    | G    | F    | Lx Gx |      |
| 1/4                | 7/16-20               | F4-PMRT-PST7-F4-    | 28.5   | 9.9  | 15.2 | 4.8  | 14.3 | 12.7 | 28.5  | 14.3 |
| 3/8                | 9/16-18               | F6-PMRT-PST9-F6-    | 32.0   | 11.2 | 16.8 | 7.1  | 17.5 | 15.9 | 32.3  | 17.5 |
| 1/2                | 3/4-16                | F8-PMRT-PST12-F8-   | 37.6   | 12.7 | 22.9 | 10.4 | 22.2 | 20.6 | 37.8  | 22.2 |
| 3/4                | 1 1/16-12             | F12-PMRT-PST17-F12- | 41.4   | 16.8 | 24.4 | 15.7 | 28.6 | 27.0 | 48.8  | 28.6 |
| 1                  | 1 5/16-12             | F16-PMRT-PST21-F16- | 50.5   | 16.8 | 31.2 | 22.4 | 38.1 | 34.9 | 53.6  | 38.1 |
| 1 1/4              | 1 5/8-12              | F20-PMRT-PST26-F20- | 67.8   | 16.8 | 41.1 | 27.7 | 47.6 | 42.9 | 58.2  | 47.6 |
| 1 1/2              | 1 7/8-12              | F24-PMRT-PST30-F24- | 78.0   | 16.8 | 50.0 | 34.0 | 57.2 | 50.8 | 60.5  | 54.0 |

雙卡套可定位主管三通

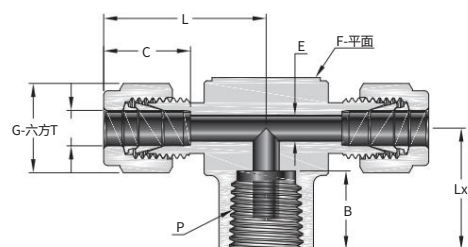
ISO平行螺紋



| T-Tube 外<br>徑(in.) | P-ISO<br>平行螺紋尺<br>寸 | 基本訂購資訊              | 尺寸, mm |      |      |      |      |      |       |      |
|--------------------|---------------------|---------------------|--------|------|------|------|------|------|-------|------|
|                    |                     |                     | L      | B    | C    | E    | G    | F    | Lx Gx |      |
| 1/4                | 1/8                 | F4-PMRT-PPT2-F4-    | 26.9   | 8.1  | 15.2 | 4.1  | 14.3 | 12.7 | 26.4  | 14.3 |
| 1/4                | 1/4                 | F4-PMRT-PPT4-F4-    | 29.0   | 9.1  | 15.2 | 4.8  | 14.3 | 15.9 | 32.3  | 19.1 |
| 3/8                | 1/4                 | F6-PMRT-PPT4-F6-    | 30.5   | 9.1  | 16.8 | 5.8  | 17.5 | 15.9 | 32.3  | 19.1 |
| 1/2                | 3/8                 | F8-PMRT-PPT6-F8-    | 36.1   | 9.4  | 22.9 | 7.9  | 22.2 | 20.6 | 37.1  | 22.2 |
| 1/2                | 1/2                 | F8-PMRT-PPT8-F8-    | 38.1   | 13.0 | 22.9 | 10.4 | 22.2 | 23.8 | 43.4  | 27.0 |
| 5/8                | 1/2                 | F10-PMRT-PPT8-F10-  | 38.1   | 13.0 | 24.4 | 11.9 | 25.4 | 23.8 | 43.4  | 27.0 |
| 3/4                | 1/2                 | F12-PMRT-PPT8-F12-  | 39.9   | 13.0 | 24.4 | 11.9 | 28.6 | 27.0 | 45.2  | 27.0 |
| 3/4                | 3/4                 | F12-PMRT-PPT12-F12- | 39.9   | 13.0 | 24.4 | 15.7 | 28.6 | 27.0 | 48.8  | 34.9 |
| 1                  | 1                   | F16-PMRT-PPT16-F16- | 49.0   | 14.0 | 31.2 | 19.8 | 38.1 | 34.9 | 53.6  | 41.3 |

| T-Tube 外<br>徑<br>(mm) | P-ISO<br>平行螺紋尺<br>寸 | 基本訂購資訊             | 尺寸, mm |      |      |     |    |      |       |      |
|-----------------------|---------------------|--------------------|--------|------|------|-----|----|------|-------|------|
|                       |                     |                    | L      | B    | C    | E   | G  | F    | Lx Gx |      |
| 6                     | 1/8                 | M6-PMRT-PPT2-M6-   | 27.0   | 8.1  | 15.3 | 4.0 | 14 | 12.7 | 26.4  | 14.3 |
| 6                     | 1/4                 | M6-PMRT-PPT4-M6-   | 29.0   | 9.1  | 15.3 | 4.8 | 14 | 15.9 | 32.2  | 19.1 |
| 8                     | 1/8                 | M8-PMRT-PPT2-M8-   | 28.8   | 8.1  | 16.2 | 4.0 | 16 | 14.3 | 27.5  | 14.3 |
| 8                     | 1/4                 | M8-PMRT-PPT4-M8-   | 29.9   | 9.1  | 16.2 | 5.9 | 16 | 15.9 | 32.2  | 19.1 |
| 10                    | 1/4                 | M10-PMRT-PPT4-M10- | 33.5   | 9.1  | 17.2 | 5.9 | 19 | 20.6 | 35.1  | 19.1 |
| 12                    | 3/8                 | M12-PMRT-PPT6-M12- | 36.0   | 9.4  | 22.8 | 7.9 | 22 | 20.6 | 37.1  | 22.2 |
| 12                    | 1/2                 | M12-PMRT-PPT8-M12- | 38.0   | 13.0 | 22.8 | 9.5 | 22 | 23.8 | 43.5  | 27.0 |

## 雙卡套支管陰螺紋三通



英制雙卡套支管陰螺紋三通

NPT螺紋

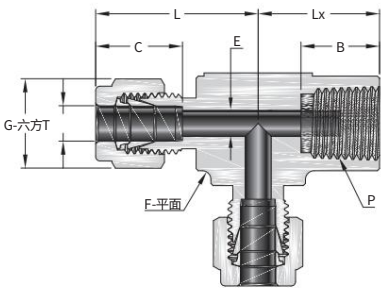
| T-Tube 外徑(in.) | P-NPT 尺寸 | 基本訂購資訊              | 尺寸, mm |      |      |      |      |      |      |
|----------------|----------|---------------------|--------|------|------|------|------|------|------|
|                |          |                     | L      | C    | G    | F    | E    | B    | Lx   |
| 1/8            | 1/8      | F2-FBT-F2-FNPT2-    | 24.6   | 12.7 | 11.1 | 12.7 | 2.3  | 10.4 | 19.1 |
| 3/16           | 1/8      | F3-FBT-F3-FNPT2-    | 25.7   | 13.7 | 12.7 | 12.7 | 3.0  | 10.4 | 19.1 |
| 1/4            | 1/8      | F4-FBT-F4-FNPT2-    | 26.9   | 15.2 | 14.3 | 12.7 | 4.8  | 10.4 | 19.1 |
| 1/4            | 1/4      | F4-FBT-F4-FNPT4-    | 29.7   | 15.2 | 14.3 | 17.5 | 4.8  | 15.0 | 22.4 |
| 5/16           | 1/8      | F5-FBT-F5-FNPT2-    | 29.7   | 16.2 | 15.9 | 15.9 | 6.4  | 10.4 | 19.1 |
| 3/8            | 1/4      | F6-FBT-F6-FNPT4-    | 31.2   | 16.8 | 17.5 | 17.5 | 7.1  | 15.0 | 22.4 |
| 3/8            | 3/8      | F6-FBT-F6-FNPT6-    | 33.3   | 16.8 | 17.5 | 20.6 | 7.1  | 15.0 | 22.4 |
| 3/8            | 1/2      | F6-FBT-F6-FNPT8-    | 36.1   | 16.8 | 17.5 | 25.4 | 7.1  | 19.8 | 28.4 |
| 1/2            | 1/4      | F8-FBT-F8-FNPT4-    | 36.1   | 22.9 | 22.2 | 20.6 | 10.4 | 15.0 | 22.4 |
| 1/2            | 3/8      | F8-FBT-F8-FNPT6-    | 36.1   | 22.9 | 22.2 | 20.6 | 10.4 | 15.0 | 22.4 |
| 1/2            | 1/2      | F8-FBT-F8-FNPT8-    | 38.9   | 22.9 | 22.2 | 25.4 | 10.4 | 19.8 | 28.4 |
| 5/8            | 1/2      | F10-FBT-F10-FNPT8-  | 38.9   | 24.4 | 25.4 | 25.4 | 12.7 | 19.8 | 28.4 |
| 3/4            | 3/4      | F12-FBT-F12-FNPT12- | 44.7   | 24.4 | 28.6 | 34.9 | 15.7 | 20.6 | 31.8 |
| 7/8            | 3/4      | F14-FBT-F14-FNPT12- | 44.7   | 25.9 | 31.8 | 34.9 | 18.3 | 20.6 | 31.8 |
| 1              | 3/4      | F16-FBT-F16-FNPT12- | 49.0   | 31.2 | 38.1 | 34.9 | 22.4 | 20.6 | 31.8 |
| 1              | 1        | F16-FBT-F16-FNPT16- | 53.6   | 31.2 | 38.1 | 42.9 | 22.4 | 25.4 | 38.1 |

公制雙卡套支管陰螺紋三通

NPT螺紋

| T-Tube 外徑 (mm) | P-NPT 尺寸 | 基本訂購資訊             | 尺寸, mm |      |    |      |      |      |      |
|----------------|----------|--------------------|--------|------|----|------|------|------|------|
|                |          |                    | L      | C    | G  | F    | E    | B    | Lx   |
| 6              | 1/8      | M6-FBT-M6-FNPT2-   | 27.0   | 15.3 | 14 | 12.7 | 4.8  | 10.4 | 19.0 |
| 6              | 1/4      | M6-FBT-M6-FNPT4-   | 29.8   | 15.3 | 14 | 17.5 | 4.8  | 15.0 | 22.4 |
| 8              | 1/8      | M8-FBT-M8-FNPT2-   | 29.9   | 16.2 | 16 | 15.9 | 6.4  | 10.4 | 19.0 |
| 8              | 1/4      | M8-FBT-M8-FNPT4-   | 30.6   | 16.2 | 16 | 17.5 | 6.4  | 15.0 | 22.4 |
| 10             | 1/4      | M10-FBT-M10-FNPT4- | 33.5   | 17.2 | 19 | 20.6 | 7.9  | 15.0 | 22.4 |
| 12             | 1/8      | M12-FBT-M12-FNPT2- | 36.0   | 22.8 | 22 | 20.6 | 6.4  | 10.4 | 22.3 |
| 12             | 1/4      | M12-FBT-M12-FNPT4- | 36.0   | 22.8 | 22 | 20.6 | 9.5  | 15.0 | 22.4 |
| 12             | 3/8      | M12-FBT-M12-FNPT6- | 36.0   | 22.8 | 22 | 20.6 | 9.5  | 15.0 | 22.4 |
| 12             | 1/2      | M12-FBT-M12-FNPT8- | 38.8   | 22.8 | 22 | 25.4 | 9.5  | 19.8 | 28.5 |
| 16             | 1/2      | M16-FBT-M16-FNPT8- | 38.8   | 24.4 | 25 | 25.4 | 12.7 | 19.8 | 28.4 |

雙卡套主管陰螺紋三通



英制雙卡套主管陰螺紋三通

NPT螺紋

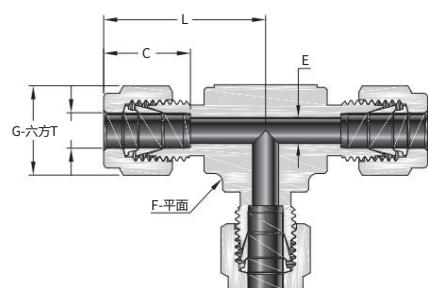
| T-Tube 外<br>徑(in.) | P-NPT 尺<br>寸 | 基本訂購資訊              | 尺寸, mm |      |      |      |      |      |      |
|--------------------|--------------|---------------------|--------|------|------|------|------|------|------|
|                    |              |                     | L      | C    | G    | F    | E    | B Lx |      |
| 1/8                | 1/8          | F2-FRT-FNPT2-F2-    | 24.6   | 12.7 | 11.1 | 12.7 | 2.3  | 10.4 | 19.1 |
| 3/16               | 1/8          | F3-FRT-FNPT2-F3-    | 25.7   | 13.7 | 12.7 | 12.7 | 3.0  | 10.4 | 19.1 |
| 1/4                | 1/8          | F4-FRT-FNPT2-F4-    | 26.9   | 15.2 | 14.3 | 12.7 | 4.8  | 10.4 | 19.1 |
| 1/4                | 1/4          | F4-FRT-FNPT4-F4-    | 29.7   | 15.2 | 14.3 | 17.5 | 4.8  | 15.0 | 22.4 |
| 5/16               | 1/8          | F5-FRT-FNPT2-F5-    | 29.7   | 16.2 | 15.9 | 15.9 | 6.4  | 10.4 | 19.1 |
| 3/8                | 1/4          | F6-FRT-FNPT4-F6-    | 31.2   | 16.8 | 17.5 | 17.5 | 7.1  | 15.0 | 22.4 |
| 1/2                | 1/4          | F8-FRT-FNPT4-F8-    | 36.1   | 22.9 | 22.2 | 20.6 | 10.4 | 15.0 | 22.4 |
| 1/2                | 3/8          | F8-FRT-FNPT6-F8-    | 36.1   | 22.9 | 22.2 | 20.6 | 10.4 | 15.0 | 22.4 |
| 1/2                | 1/2          | F8-FRT-FNPT8-F8-    | 39.9   | 22.9 | 22.2 | 27.0 | 10.4 | 19.8 | 28.4 |
| 5/8                | 1/2          | F10-FRT-FNPT8-F10-  | 39.9   | 24.4 | 25.4 | 27.0 | 12.7 | 19.8 | 28.4 |
| 3/4                | 3/4          | F12-FRT-FNPT12-F12- | 44.7   | 24.4 | 28.6 | 34.9 | 15.7 | 20.6 | 31.8 |
| 7/8                | 1/2          | F14-FRT-FNPT8-F14-  | 44.7   | 25.9 | 31.8 | 34.9 | 15.7 | 19.8 | 28.4 |
| 7/8                | 3/4          | F14-FRT-FNPT12-F14- | 44.7   | 25.9 | 31.8 | 34.9 | 18.3 | 20.6 | 31.8 |
| 1                  | 3/4          | F16-FRT-FNPT12-F16- | 49.0   | 31.2 | 38.1 | 34.9 | 22.4 | 20.6 | 31.8 |
| 1                  | 1            | F16-FRT-FNPT16-F16- | 53.6   | 31.2 | 38.1 | 42.9 | 22.4 | 25.4 | 38.1 |

公制雙卡套主管陰螺紋三通

NPT螺紋

| T-Tube 外<br>徑尺寸(mm) | P-NPT 外<br>寸 | 基本訂購資訊             | 尺寸, mm |      |    |      |      |      |      |
|---------------------|--------------|--------------------|--------|------|----|------|------|------|------|
|                     |              |                    | L      | C    | G  | F    | E    | B Lx |      |
| 6                   | 1/8          | M6-FRT-FNPT2-M6-   | 27.0   | 15.3 | 14 | 12.7 | 4.8  | 10.4 | 19.0 |
| 6                   | 1/4          | M6-FRT-FNPT4-M6-   | 29.8   | 15.3 | 14 | 17.5 | 4.8  | 15.0 | 22.4 |
| 8                   | 1/8          | M8-FRT-FNPT2-M8-   | 29.9   | 16.2 | 16 | 15.9 | 4.8  | 10.4 | 19.0 |
| 8                   | 1/4          | M8-FRT-FNPT4-M8-   | 30.6   | 16.2 | 16 | 17.5 | 6.4  | 15.0 | 22.4 |
| 10                  | 1/4          | M10-FRT-FNPT4-M10- | 33.5   | 17.2 | 19 | 20.6 | 7.9  | 15.0 | 22.4 |
| 12                  | 1/4          | M12-FRT-FNPT4-M12- | 36.0   | 22.8 | 22 | 20.6 | 9.5  | 15.0 | 22.4 |
| 12                  | 3/8          | M12-FRT-FNPT6-M12- | 36.0   | 22.8 | 22 | 20.6 | 9.5  | 15.0 | 23.1 |
| 12                  | 1/2          | M12-FRT-FNPT8-M12- | 38.8   | 22.8 | 22 | 25.4 | 9.5  | 19.8 | 28.5 |
| 16                  | 1/2          | M16-FRT-FNPT8-M16- | 39.8   | 24.4 | 25 | 27.0 | 11.9 | 19.8 | 28.4 |

## 雙卡套三通



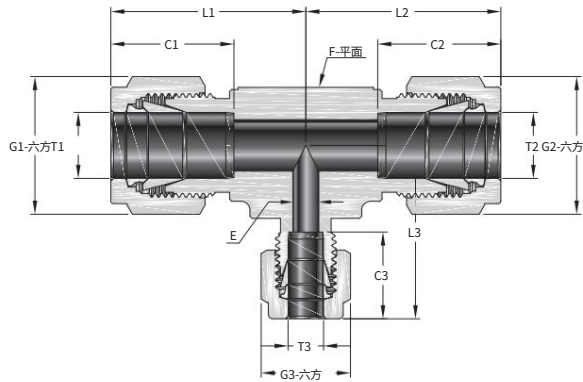
英制雙卡套三通

| T-Tube外<br>徑(in.) | 基本訂購資訊          | 尺寸, mm |      |      |      |      |
|-------------------|-----------------|--------|------|------|------|------|
|                   |                 | L      | C    | G    | F    | E    |
| 1/16              | F1-UT-F1-F1-    | 17.8   | 8.6  | 7.9  | 9.5  | 1.3  |
| 1/8               | F2-UT-F2-F2-    | 22.4   | 12.7 | 11.1 | 9.5  | 2.3  |
| 3/16              | F3-UT-F3-F3-    | 24.4   | 13.7 | 12.7 | 11.1 | 3.0  |
| 1/4               | F4-UT-F4-F4-    | 26.9   | 15.2 | 14.3 | 12.7 | 4.8  |
| 5/16              | F5-UT-F5-F5-    | 29.7   | 16.2 | 15.9 | 15.9 | 6.4  |
| 3/8               | F6-UT-F6-F6-    | 30.5   | 16.8 | 17.5 | 15.9 | 7.1  |
| 1/2               | F8-UT-F8-F8-    | 36.1   | 22.9 | 22.2 | 20.6 | 10.4 |
| 5/8               | F10-UT-F10-F10- | 38.9   | 24.4 | 25.4 | 25.4 | 12.7 |
| 3/4               | F12-UT-F12-F12- | 39.9   | 24.4 | 28.6 | 27.0 | 15.7 |
| 7/8               | F14-UT-F14-F14- | 44.7   | 25.9 | 31.8 | 34.9 | 18.3 |
| 1                 | F16-UT-F16-F16- | 49.0   | 31.2 | 38.1 | 34.9 | 22.4 |
| 1 1/8             | F18-UT-F18-F18- | 55.1   | 31.2 | 46.0 | 42.9 | 24.6 |
| 1 1/4             | F20-UT-F20-F20- | 66.5   | 41.1 | 47.6 | 42.9 | 27.7 |
| 1 1/2             | F24-UT-F24-F24- | 78.0   | 50.0 | 57.2 | 50.8 | 34.0 |

公制雙卡套三通

| T-Tube外<br>徑<br>(mm) | 基本訂購資訊          | 尺寸, mm |      |    |      |      |
|----------------------|-----------------|--------|------|----|------|------|
|                      |                 | L      | C    | G  | F    | E    |
| 2                    | M2-UT-M2-M2-    | 22.3   | 12.9 | 12 | 9.5  | 1.7  |
| 3                    | M3-UT-M3-M3-    | 22.3   | 12.9 | 12 | 9.5  | 2.4  |
| 4                    | M4-UT-M4-M4-    | 25.4   | 13.7 | 12 | 12.7 | 2.4  |
| 6                    | M6-UT-M6-M6-    | 27.0   | 15.3 | 14 | 12.7 | 4.8  |
| 8                    | M8-UT-M8-M8-    | 29.9   | 16.2 | 16 | 15.9 | 6.4  |
| 10                   | M10-UT-M10-M10- | 31.5   | 17.2 | 19 | 17.5 | 7.9  |
| 12                   | M12-UT-M12-M12- | 36.0   | 22.8 | 22 | 20.6 | 9.5  |
| 14                   | M14-UT-M14-M14- | 38.8   | 24.4 | 25 | 25.4 | 11.1 |
| 15                   | M15-UT-M15-M15- | 38.8   | 24.4 | 25 | 25.4 | 11.9 |
| 16                   | M16-UT-M16-M16- | 38.8   | 24.4 | 25 | 25.4 | 12.7 |
| 18                   | M18-UT-M18-M18- | 38.8   | 24.4 | 30 | 27.0 | 15.1 |
| 20                   | M20-UT-M20-M20- | 44.6   | 26.0 | 32 | 34.9 | 15.9 |
| 22                   | M22-UT-M22-M22- | 44.6   | 26.0 | 32 | 34.9 | 18.3 |
| 25                   | M25-UT-M25-M25- | 49.1   | 31.3 | 38 | 34.9 | 21.8 |
| 28                   | M28-UT-M28-M28- | 64.0   | 36.6 | 46 | 42.9 | 21.8 |
| 30                   | M30-UT-M30-M30- | 69.9   | 39.6 | 50 | 42.9 | 26.2 |
| 32                   | M32-UT-M32-M32- | 72.3   | 42.0 | 50 | 42.9 | 28.6 |
| 38                   | M38-UT-M38-M38- | 84.0   | 49.4 | 60 | 50.8 | 33.7 |

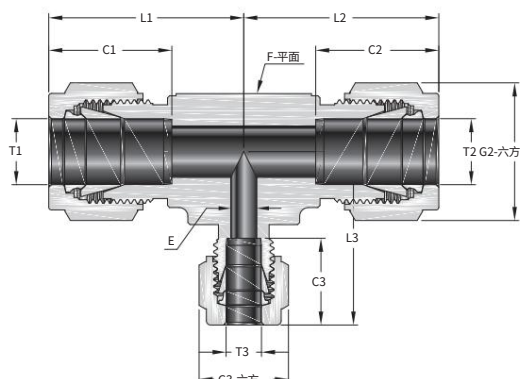
### 縮徑雙卡套三通



英制縮徑雙卡套三通

| T1-Tube 外<br>徑(in.) | T2-Tube 外<br>徑(in.) | T3-Tube 外<br>徑(in.) | 基本訂購資訊          | 尺寸, mm |      |      |      |      |       |      |       |        |       |       |
|---------------------|---------------------|---------------------|-----------------|--------|------|------|------|------|-------|------|-------|--------|-------|-------|
|                     |                     |                     |                 | L1     | L2   | L3   | C1   | C2   | C3    |      | G1    | G2     | G3    | F     |
| 1/4                 | 1/4                 | 1/8                 | F4-UT-F4-F2-    | 26.7   | 26.7 | 24.4 | 15.2 | 15.2 | 12.7  | 14.3 | 14.3  | 11.1   | 12.7  | 2.3   |
| 3/8                 | 1/4                 | 1/4                 | F6-UT-F4-F4-    | 30.5   | 29.0 | 29.0 | 16.8 | 15.2 | 15.2  | 17.5 | 14.3  | 14.3   | 15.9  | 4.8   |
| 3/8                 | 1/4                 | 3/8                 | F6-UT-F4-F6-    | 30.5   | 29.0 | 30.5 | 16.8 | 15.2 | 16.8  | 17.5 | 14.3  | 17.5   | 15.9  | 4.8   |
| 3/8                 |                     | 1/4                 | F6-UT-F6-F4-    | 30.5   | 30.5 | 29.0 | 16.8 | 16.8 | 15.2  | 17.5 | 17.5  | 14.3   | 15.9  | 4.8   |
| 1/2                 |                     | 1/4                 | F8-UT-F4-F4-    | 36.1   | 31.8 | 31.8 | 22.9 | 15.2 | 15.2  | 22.2 | 14.3  | 14.3   | 20.6  | 4.8   |
| 1/2                 |                     | 1/2                 | F8-UT-F4-F8-    | 36.1   | 31.8 | 36.1 | 22.9 | 15.2 | 22.9  | 22.2 | 14.3  | 22.2   | 20.6  | 4.8   |
| 1/2                 |                     | 3/8                 | F8-UT-F6-F6-    | 36.1   | 33.3 | 33.3 | 22.9 | 16.8 | 16.8  | 22.2 | 17.5  | 17.5   | 20.6  | 7.1   |
| 1/2                 |                     | 1/2                 | F8-UT-F6-F8-    | 36.1   | 33.3 | 36.1 | 22.9 | 16.8 | 22.9  | 22.2 | 17.5  | 22.2   | 20.6  | 7.1   |
| 1/2                 |                     | 1/4                 | F8-UT-F8-F4-    | 36.1   | 36.1 | 31.8 | 22.9 | 22.9 | 15.2  | 22.2 | 22.2  | 14.3   | 20.6  | 4.8   |
| 1/2                 |                     | 3/8                 | F8-UT-F8-F6-    | 36.1   | 36.1 | 33.3 | 22.9 | 22.9 | 16.8  | 22.2 | 22.2  | 17.5   | 20.6  | 7.1   |
| 5/8                 |                     | 3/8                 | F10-UT-F6-F6-   | 38.9   | 36.1 | 36.1 | 24.4 | 16.8 | 16.8  | 25.4 | 17.5  | 17.5   | 25.4  | 7.1   |
| 5/8                 |                     | 1/2                 | F10-UT-F6-F8-   | 38.9   | 36.1 | 38.9 | 24.4 | 16.8 | 22.9  | 25.4 | 17.5  | 22.2   | 25.4  | 7.1   |
| 5/8                 |                     | 3/8                 | F10-UT-F8-F6-   | 38.9   | 38.9 | 36.1 | 24.4 | 22.9 | 16.8  | 25.4 | 22.2  | 17.5   | 25.4  | 7.1   |
| 5/8                 |                     | 1/2                 | F10-UT-F8-F8-   | 38.9   | 38.9 | 38.9 | 24.4 | 22.9 | 22.9  | 25.4 | 22.2  | 22.2   | 25.4  | 10.4  |
| 5/8                 |                     | 3/8                 | F10-UT-F10-F6-  | 38.9   | 38.9 | 36.1 | 24.4 | 24.4 | 16.8  | 25.4 | 25.4  | 17.5   | 25.4  | 7.1   |
| 5/8                 |                     | 1/2                 | F10-UT-F10-F8-  | 38.9   | 38.9 | 38.9 | 24.4 | 24.4 | 22.9  | 25.4 | 25.4  | 22.2   | 25.4  | 10.4  |
| 3/4                 |                     | 3/8                 | F12-UT-F6-F6-   | 39.6   | 36.9 | 36.9 | 24.4 |      | 16.8  |      | 17.52 | 17.52  | 27.07 | 7.1   |
| 3/4                 |                     | 3/8                 | F12-UT-F8-F6-   | 39.6   | 36.9 | 36.9 | 24.4 |      | 16.8  |      | 22.22 | 17.5   | 27.0  | 7.1   |
| 3/4                 |                     | 1/2                 | F12-UT-F8-F8-   |        |      |      |      |      | 22.9  |      | 22.22 | 25.4   | 25.4  | 10.4  |
| 3/4                 |                     | 3/8                 | F12-UT-F10-F6-  |        |      |      |      |      | 16.8  |      | 25.4  | 17.5   |       | 7.1   |
| 3/4                 |                     | 1/2                 | F12-UT-F10-F8-  |        |      |      |      |      | 22.9  |      | 25.4  | 22.2   |       | 10.4  |
| 3/4                 |                     | 5/8                 | F12-UT-F10-F10- |        |      |      |      |      | 16.82 |      | 25.4  | 17.52  |       | 10.4  |
| 3/8                 |                     |                     | F12-UT-F12-F4-  |        |      |      |      |      | 128   |      | 28.6  | 17.5   |       | 7.1   |
| 38/38               |                     | 1/38                | F12-UT-F12-F6-  |        |      |      |      |      | 4.    |      | 28.6  | 52.    |       | 7.1   |
| 47/47               |                     |                     | F12-UT-F12-F8-  |        |      |      |      |      | 16.8  |      | 28.6  | 17.5   |       | 10.4  |
| 3/4                 |                     | 3/83                | F12-UT-F12-F10- |        |      |      |      |      | 22.9  |      | 28.6  | 22.2   |       | 7.1   |
| 38/38               |                     | 25                  | F14-UT-F8-F12-  |        |      |      |      |      | 24.4  |      | 22.2  | 25.4   |       | 10.4  |
| 38                  |                     | 38/3                | F14-UT-F10-F6-  |        |      |      |      |      | 24.4  |      | 25.4  | 28.6   |       |       |
| 38/38               |                     |                     | F14-UT-F12-F6-  |        |      |      |      |      | 16.8  |      | 28.6  | 17.5   |       |       |
|                     |                     |                     | F14-UT-F12-F8-  |        |      |      |      |      | 16.8  |      | 28.6  | 17.5   |       | 12.7. |
|                     |                     |                     | F14-UT-F12-F12- |        |      |      |      |      | 22.9  |      | 28.6  | 22.2   |       | 7.1   |
|                     |                     |                     | F14-UT-F14-F4-  |        |      |      |      |      | 24.4  |      | 31.8  | 28.6   |       | 7.1   |
|                     |                     |                     | F14-UT-F14-F6-  |        |      |      |      |      | 15.2  |      | 31.8  | 14.3   |       |       |
|                     |                     |                     | F16-UT-F6-F6-   |        |      |      |      |      | 16.8  |      | 17.5  | 17.5   |       |       |
|                     |                     |                     | F16-UT-F8-F4-   |        |      |      |      |      | 16.8  |      | 22.2  | 17.5   |       | 10.4  |
|                     |                     |                     | F16-UT-F8-F6-   |        |      |      |      |      | 15.2  |      | 22.2  | 14.3   |       |       |
|                     |                     |                     | F16-UT-F8-F8-   |        |      |      |      |      | 16.8  |      | 22.2  | 17.5   |       | 15.7  |
|                     |                     |                     | F16-UT-F8-F16-  |        |      |      |      |      | 22.9  |      | 22.2  | 22.2   |       | 4.8   |
|                     |                     |                     | F16-UT-F10-F6-  |        |      |      |      |      | 31.2  |      | 25.4  | 38.1   |       | 7.1   |
|                     |                     |                     | F16-UT-F12-F6-  |        |      |      |      |      | 16.8  |      | 28.6  | 17.5   |       | 7.1   |
|                     |                     |                     | F16-UT-F12-F8-  |        |      |      |      |      | 16.8  |      | 28.6  | 17.5   |       | 4.8   |
|                     |                     |                     | F16-UT-F12-F10- |        |      |      |      |      | 22.9  |      | 28.6  | 22.2   |       | 7.1   |
|                     |                     |                     | F16-UT-F12-F16- |        |      |      |      |      | 16.8  |      | 28.6  | 5      |       | 10.4  |
|                     |                     |                     | F16-UT-F14-F4-  |        |      |      |      |      | 2.19  |      | 31.8  | 22.2   |       | 10.4  |
|                     |                     |                     | F16-UT-F14-F6-  |        |      |      |      |      | 2.    |      | 31.8  | 38.1   |       | 7.1   |
|                     |                     |                     | F16-UT-F14-F8-  |        |      |      |      |      | 24.4  |      | 31.8  | 17.5   |       | 7.1   |
|                     |                     |                     | F16-UT-F14-F12- |        |      |      |      |      | 25.9  |      |       | 17.5   |       | 10.4  |
|                     |                     |                     | F16-UT-F14-F14- |        |      |      |      |      | 15.2  |      |       | 22.2   |       | 12.7  |
|                     |                     |                     | F16-UT-F16-F4-  |        |      |      |      |      | 16.8  |      |       | 5      |       | 15.7  |
|                     |                     |                     | F16-UT-F16-F6-  |        |      |      |      |      | 22.9  |      |       |        |       |       |
|                     |                     |                     | F16-UT-F16-F8-  |        |      |      |      |      | 24.4  |      |       | 25.23. |       | 4.8   |
|                     |                     |                     | F16-UT-F16-F10- |        |      |      |      |      | 24.4  |      |       | 28.6   |       | 7.1   |
|                     |                     |                     | F16-UT-F16-F12- |        |      |      |      |      | 25.9  |      |       | 31.8   |       | 10.4  |
|                     |                     |                     | F16-UT-F16-F14- |        |      |      |      |      | 31.3  |      |       | 14.3   |       | 12.7  |
| 3/47/38             | 3/8 °               |                     | F20-UT-F20-F16- |        |      |      |      |      | 31.3  |      |       | 17.5   |       | 18.38 |

## 縮徑雙卡套三通

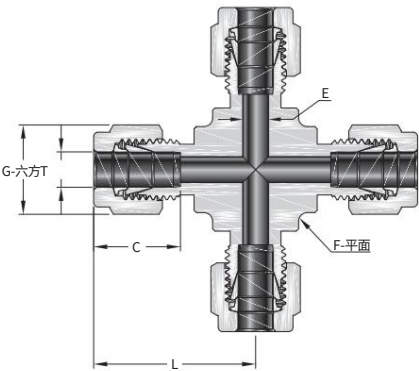


公制縮徑雙卡套三通

公佈請注意 下載二層

| T1-Tube 外<br>徑<br>(mm) | T2-Tube 外<br>徑<br>(mm) | T3-Tube 外<br>徑<br>(mm) | 基本訂購資訊          | 尺寸, mm |      |      |      |      |      |    |    |    |      |      |
|------------------------|------------------------|------------------------|-----------------|--------|------|------|------|------|------|----|----|----|------|------|
|                        |                        |                        |                 | L1     | L2   | L3   | C1   | C2   | C3   |    | G1 | G2 | G3   |      |
| 3                      | 3                      | 6                      | M3-UT-M3-M6-    | 24.7   | 24.7 | 27.0 | 12.9 | 12.9 | 15.3 | 12 | 12 | 14 | 12.7 | 2.4  |
| 6                      | 6                      | 3                      | M6-UT-M6-M3-    | 27.0   | 27.0 | 25.4 | 15.3 | 15.3 | 12.9 | 14 | 14 | 12 | 12.7 | 2.4  |
| 6                      | 6                      | 8                      | M6-UT-M6-M8-    | 28.0   | 28.0 | 28.8 | 15.3 | 15.3 | 16.2 | 14 | 14 | 16 | 14.3 | 4.8  |
| 8                      | 8                      | 6                      | M8-UT-M8-M6-    | 30.0   | 30.0 | 29.0 | 16.2 | 16.2 | 15.3 | 16 | 16 | 14 | 15.9 | 4.8  |
| 8                      | 8                      | 12                     | M8-UT-M8-M12-   | 35.2   | 35.2 | 36.0 | 16.2 | 16.2 | 22.8 | 16 | 16 | 22 | 20.6 | 6.4  |
| 10                     | 10                     | 6                      | M10-UT-M10-M6-  | 31.5   | 31.5 | 29.9 | 17.2 | 17.2 | 15.3 | 19 | 19 | 14 | 17.5 | 4.8  |
| 10                     | 10                     | 8                      | M10-UT-M10-M8-  | 31.5   | 31.5 | 30.7 | 17.2 | 17.2 | 16.2 | 19 | 19 | 16 | 17.5 | 6.4  |
| 12                     | 12                     | 6                      | M12-UT-M12-M6-  | 36.0   | 36.0 | 31.8 | 22.8 | 22.8 | 15.3 | 22 | 22 | 14 | 20.6 | 4.8  |
| 12                     | 12                     | 8                      | M12-UT-M12-M8-  | 36.0   | 36.0 | 35.2 | 22.8 | 22.8 | 16.2 | 22 | 22 | 16 | 20.6 | 6.4  |
| 12                     | 12                     | 14                     | M12-UT-M12-M14- | 38.0   | 38.0 | 38.0 | 22.8 | 22.8 | 24.4 | 22 | 22 | 25 | 25.4 | 9.5  |
| 12                     | 12                     | 18                     | M12-UT-M12-M18- | 39.8   | 39.8 | 39.8 | 22.8 | 22.8 | 24.4 | 22 | 22 | 30 | 27.0 | 9.5  |
| 14                     | 14                     | 8                      | M14-UT-M14-M8-  | 38.0   | 38.0 | 37.2 | 24.4 | 24.4 | 16.2 | 25 | 25 | 16 | 25.4 | 6.4  |
| 14                     | 14                     | 10                     | M14-UT-M14-M10- | 38.0   | 38.0 | 38.0 | 24.4 | 24.4 | 17.2 | 25 | 25 | 19 | 25.4 | 7.9  |
| 15                     | 15                     | 12                     | M15-UT-M15-M12- | 38.8   | 38.8 | 38.8 | 24.4 | 24.4 | 22.8 | 25 | 25 | 22 | 25.4 | 9.5  |
| 16                     | 16                     | 8                      | M16-UT-M16-M8-  | 38.8   | 37.2 | 38.8 | 24.4 | 16.2 | 24.4 | 25 | 16 | 25 | 25.4 | 6.4  |
| 16                     | 16                     | 12                     | M16-UT-M16-M12- | 38.8   | 38.8 | 38.9 | 24.4 | 24.4 | 22.8 | 25 | 25 | 22 | 25.4 | 9.5  |
| 18                     | 18                     | 8                      | M18-UT-M18-M8-  | 39.8   | 39.8 | 39.0 | 24.4 | 24.4 | 16.2 | 30 | 30 | 16 | 27.0 | 6.4  |
| 18                     | 18                     | 10                     | M18-UT-M18-M10- | 39.8   | 39.8 | 39.8 | 24.4 | 24.4 | 17.2 | 30 | 30 | 19 | 27.0 | 7.9  |
| 18                     | 18                     | 12                     | M18-UT-M18-M12- | 39.8   | 39.8 | 39.8 | 24.4 | 24.4 | 22.8 | 30 | 30 | 22 | 27.0 | 9.5  |
| 18                     | 18                     | 14                     | M18-UT-M18-M14- | 39.8   | 39.8 | 39.8 | 24.4 | 24.4 | 24.4 | 30 | 30 | 25 | 27.0 | 11.1 |
| 20                     | 20                     | 14                     | M20-UT-M20-M14- | 44.6   | 44.6 | 44.6 | 26.0 | 26.0 | 24.4 | 32 | 32 | 25 | 34.9 | 11.1 |
| 22                     | 22                     | 12                     | M22-UT-M22-M12- | 44.6   | 44.6 | 44.6 | 26.0 | 26.0 | 22.8 | 32 | 32 | 22 | 34.9 | 9.5  |
| 25                     | 25                     | 12                     | M25-UT-M25-M12- | 49.1   | 49.1 | 44.7 | 31.3 | 31.3 | 22.8 | 38 | 38 | 22 | 34.9 | 9.5  |

雙卡套四通



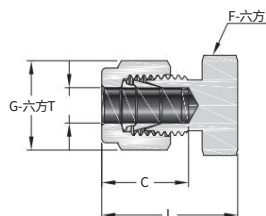
英制雙卡套四通

| T-Tube 外徑(in.) | 基本訂購資訊              | 尺寸, mm |      |      |      |      |
|----------------|---------------------|--------|------|------|------|------|
|                |                     | L      | C    | G    | F    | E    |
| 1/8            | F2-UC-F2-F2-F2-     | 22.4   | 12.7 | 11.1 | 9.5  | 2.3  |
| 3/16           | F3-UC-F3-F3-F3-     | 24.4   | 13.7 | 12.7 | 11.1 | 3.0  |
| 1/4            | F4-UC-F4-F4-F4-     | 26.9   | 15.2 | 14.3 | 12.7 | 4.8  |
| 5/16           | F5-UC-F5-F5-F5-     | 29.7   | 16.2 | 15.9 | 15.9 | 6.4  |
| 3/8            | F6-UC-F6-F6-F6-     | 30.5   | 16.8 | 17.5 | 15.9 | 7.1  |
| 1/2            | F8-UC-F8-F8-F8-     | 36.1   | 22.9 | 22.2 | 20.6 | 10.4 |
| 5/8            | F10-UC-F10-F10-F10- | 36.3   | 24.4 | 25.4 | 27.0 | 12.7 |
| 3/4            | F12-UC-F12-F12-F12- | 39.9   | 24.4 | 28.6 | 27.0 | 15.7 |
| 7/8            | F14-UC-F14-F14-F14- | 44.7   | 25.9 | 31.8 | 34.9 | 18.3 |
| 1              | F16-UC-F16-F16-F16- | 49.0   | 31.2 | 38.1 | 34.9 | 22.4 |

公制雙卡套四通

| T-Tube 外徑(mm) | 基本訂購資訊              | 尺寸, mm |      |    |      |      |
|---------------|---------------------|--------|------|----|------|------|
|               |                     | LCG    |      |    | F    | E    |
| 3             | M3-UC-M3-M3-M3-     | 22.3   | 12.9 | 12 | 9.5  | 2.4  |
| 4             | M4-UC-M4-M4-M4-     | 25.4   | 13.7 | 12 | 12.7 | 2.4  |
| 6             | M6-UC-M6-M6-M6-     | 27.0   | 15.3 | 14 | 12.7 | 4.8  |
| 8             | M8-UC-M8-M8-M8-     | 29.9   | 16.2 | 16 | 15.9 | 6.4  |
| 10            | M10-UC-M10-M10-M10- | 33.5   | 17.2 | 19 | 20.6 | 7.9  |
| 12            | M12-UC-M12-M12-M12- | 36.0   | 22.8 | 22 | 20.6 | 9.5  |
| 16            | M16-UC-M16-M16-M16- | 37.0   | 24.4 | 25 | 23.8 | 12.7 |
| 18            | M18-UC-M18-M18-M18- | 38.3   | 24.4 | 30 | 27.0 | 15.1 |
| 20            | M20-UC-M20-M20-M20- | 44.6   | 26.0 | 32 | 34.9 | 15.9 |
| 22            | M22-UC-M22-M22-M22- | 44.7   | 26.0 | 32 | 34.9 | 18.3 |
| 25            | M25-UC-M25-M25-M25- | 49.2   | 31.3 | 38 | 34.9 | 21.8 |

## 管帽



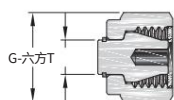
英制管帽

| T-Tube 外徑 (in.) | 基本訂購資訊  | 尺寸, mm |      |      |      |
|-----------------|---------|--------|------|------|------|
|                 |         | L      | C    | G    | F    |
| 1/16            | CA- F1- | 15.0   | 8.6  | 7.9  | 7.9  |
| 1/8             | CA-F2-  | 20.1   | 12.7 | 11.1 | 11.1 |
| 3/16            | CA-F3-  | 21.3   | 13.7 | 12.7 | 11.1 |
| 1/4             | CA-F4-  | 23.4   | 15.2 | 14.3 | 12.7 |
| 5/16            | CA-F5-  | 24.4   | 16.3 | 15.9 | 14.3 |
| 3/8             | CA-F6-  | 25.7   | 16.8 | 17.5 | 15.9 |
| 1/2             | CA-F8-  | 29.2   | 22.9 | 22.2 | 20.6 |
| 5/8             | CA-F10- | 30.0   | 24.4 | 25.4 | 23.8 |
| 3/4             | CA-F12- | 31.5   | 24.4 | 28.6 | 27.0 |
| 7/8             | CA-F14- | 34.0   | 25.9 | 31.8 | 30.2 |
| 1               | CA-F16- | 38.4   | 31.2 | 38.1 | 34.9 |
| 1 1/8           | CA-F18- | 38.4   | 31.2 | 46.0 | 41.3 |
| 1 1/4           | CA-F20- | 53.3   | 41.1 | 47.6 | 44.5 |
| 1 1/2           | CA-F24- | 64.5   | 50.0 | 57.2 | 54.0 |

公制管帽

| T-Tube 外徑 (mm) | 基本訂購資訊  | 尺寸, mm |      |    |    |
|----------------|---------|--------|------|----|----|
|                |         | L      | C    | G  | F  |
| 2              | CA- M2- | 20.1   | 12.9 | 12 | 12 |
| 3              | CA-M3-  | 20.1   | 12.9 | 12 | 12 |
| 4              | CA-M4-  | 21.3   | 13.7 | 12 | 12 |
| 6              | CA-M6-  | 23.1   | 15.3 | 14 | 14 |
| 8              | CA-M8-  | 24.5   | 16.2 | 16 | 15 |
| 10             | CA-M10- | 26.6   | 17.2 | 19 | 18 |
| 12             | CA-M12- | 29.1   | 22.8 | 22 | 22 |
| 14             | CA-M14- | 29.9   | 24.4 | 25 | 24 |
| 15             | CA-M15- | 29.9   | 24.4 | 25 | 24 |
| 16             | CA-M16- | 29.9   | 24.4 | 25 | 24 |
| 18             | CA-M18- | 31.4   | 24.4 | 30 | 27 |
| 20             | CA-M20- | 34.0   | 26.0 | 32 | 30 |
| 22             | CA-M22- | 34.0   | 26.0 | 32 | 30 |
| 25             | CA-M25- | 38.5   | 31.3 | 38 | 35 |
| 28             | CA-M28- | 48.5   | 36.6 | 46 | 41 |
| 30             | CA-M30- | 53.4   | 39.6 | 50 | 46 |
| 32             | CA-M32- | 55.8   | 42.0 | 50 | 46 |
| 38             | CA-M38- | 65.4   | 49.4 | 60 | 55 |

## 塞頭



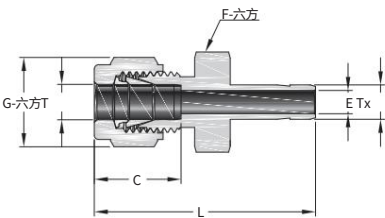
英制堵頭

| T-Tube 外徑 (in.) | 基本訂購資訊  | 尺寸, mm |
|-----------------|---------|--------|
|                 |         | G      |
| 1/16            | PL- F1- | 7.9    |
| 1/8             | PL-F2-  | 11.1   |
| 3/16            | PL-F3-  | 12.7   |
| 1/4             | PL-F4-  | 14.3   |
| 5/16            | PL-F5-  | 15.9   |
| 3/8             | PL-F6-  | 17.5   |
| 1/2             | PL-F8-  | 22.2   |
| 5/8             | PL-F10- | 25.4   |
| 3/4             | PL-F12- | 28.6   |
| 7/8             | PL-F14- | 31.8   |
| 1               | PL-F16- | 38.1   |
| 1 1/4           | PL-F20- | 47.6   |
| 1 1/2           | PL-F24- | 57.2   |

公制堵頭

| T-Tube 外徑 (mm) | 基本訂購資訊  | 尺寸, mm |
|----------------|---------|--------|
|                |         | G      |
| 2              | PL- M2- | 12     |
| 3              | PL-M3-  | 12     |
| 4              | PL-M4-  | 12     |
| 6              | PL-M6-  | 14     |
| 8              | PL-M8-  | 16     |
| 10             | PL-M10- | 19     |
| 12             | PL-M12- | 22     |
| 14             | PL-M14- | 25     |
| 15             | PL-M15- | 25     |
| 16             | PL-M16- | 25     |
| 18             | PL-M18- | 30     |
| 20             | PL-M20- | 32     |
| 22             | PL-M22- | 32     |
| 25             | PL-M25- | 38     |
| 28             | PL-M28- | 46     |
| 30             | PL-M30- | 50     |
| 32             | PL-M32- | 50     |
| 38             | PL-M38- | 60     |

雙卡套-卡套管縮徑直通

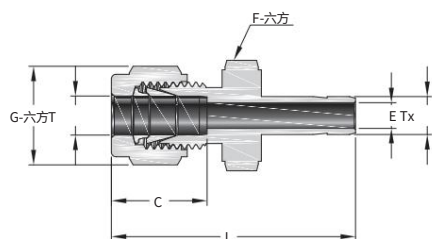


英制雙卡套-卡套管縮徑直通

| T-Tube 外徑<br>(in.) | Tx-Tube 外徑<br>(in.) | 基本訂購資訊      | 尺寸, mm |      |      |      |      |
|--------------------|---------------------|-------------|--------|------|------|------|------|
|                    |                     |             | L      | C    | G    | F    | E    |
| 1/16               | 1/8                 | F1-R-FT2-   | 29.2   | 8.6  | 7.9  | 7.9  | 1.3  |
| 1/16               | 3/16                | F1-R-FT3-   | 30.0   | 8.6  | 7.9  | 7.9  | 1.3  |
| 1/16               | 1/4                 | F1-R-FT4-   | 31.5   | 8.6  | 7.9  | 7.9  | 1.3  |
| 1/8                | 1/16                | F2-R-FT1-   | 29.0   | 12.7 | 11.1 | 11.1 | 0.8  |
| 1/8                | 1/8                 | F2-R-FT2-   | 33.5   | 12.7 | 11.1 | 11.1 | 2.0  |
| 1/8                | 3/16                | F2-R-FT3-   | 34.3   | 12.7 | 11.1 | 11.1 | 2.3  |
| 1/8                | 1/4                 | F2-R-FT4-   | 36.1   | 12.7 | 11.1 | 11.1 | 2.3  |
| 1/8                | 3/8                 | F2-R-FT6-   | 37.6   | 12.7 | 11.1 | 11.1 | 2.3  |
| 1/8                | 1/2                 | F2-R-FT8-   | 44.2   | 12.7 | 11.1 | 14.3 | 2.3  |
| 3/16               | 1/8                 | F3-R-FT2-   | 34.8   | 13.7 | 12.7 | 11.1 | 2.0  |
| 3/16               | 1/4                 | F3-R-FT4-   | 37.1   | 13.7 | 12.7 | 11.1 | 3.0  |
| 1/4                | 1/8                 | F4-R-FT2-   | 36.8   | 15.2 | 14.3 | 12.7 | 2.0  |
| 1/4                | 3/16                | F4-R-FT3-   | 37.6   | 15.2 | 14.3 | 12.7 | 3.0  |
| 1/4                | 1/4                 | F4-R-FT4-   | 39.1   | 15.2 | 14.3 | 12.7 | 4.3  |
| 1/4                | 5/16                | F4-R-FT5-   | 39.9   | 15.2 | 14.3 | 12.7 | 4.8  |
| 1/4                | 3/8                 | F4-R-FT6-   | 40.6   | 15.2 | 14.3 | 12.7 | 4.8  |
| 1/4                | 1/2                 | F4-R-FT8-   | 46.2   | 15.2 | 14.3 | 14.3 | 4.8  |
| 1/4                | 5/8                 | F4-R-FT10-  | 48.0   | 15.2 | 14.3 | 17.5 | 4.8  |
| 1/4                | 3/4                 | F4-R-FT12-  | 47.8   | 15.2 | 14.3 | 20.6 | 4.8  |
| 5/16               | 3/8                 | F5-R-FT6-   | 41.9   | 16.3 | 15.9 | 14.3 | 6.4  |
| 5/16               | 1/2                 | F5-R-FT8-   | 47.5   | 16.3 | 15.9 | 14.3 | 6.4  |
| 3/8                | 1/4                 | F6-R-FT4-   | 41.4   | 16.8 | 17.5 | 15.9 | 4.3  |
| 3/8                | 3/8                 | F6-R-FT6-   | 43.2   | 16.8 | 17.5 | 15.9 | 6.9  |
| 3/8                | 1/2                 | F6-R-FT8-   | 48.5   | 16.8 | 17.5 | 15.9 | 7.1  |
| 3/8                | 5/8                 | F6-R-FT10-  | 50.3   | 16.8 | 17.5 | 17.5 | 7.1  |
| 3/8                | 3/4                 | F6-R-FT12-  | 50.3   | 16.8 | 17.5 | 20.6 | 7.1  |
| 1/2                | 1/4                 | F8-R-FT4-   | 45.0   | 22.9 | 22.2 | 20.6 | 4.3  |
| 1/2                | 3/8                 | F8-R-FT6-   | 46.7   | 22.9 | 22.2 | 20.6 | 6.9  |
| 1/2                | 1/2                 | F8-R-FT8-   | 52.3   | 22.9 | 22.2 | 20.6 | 9.4  |
| 1/2                | 5/8                 | F8-R-FT10-  | 53.8   | 22.9 | 22.2 | 20.6 | 10.4 |
| 1/2                | 3/4                 | F8-R-FT12-  | 53.8   | 22.9 | 22.2 | 20.6 | 10.4 |
| 1/2                | 1                   | F8-R-FT16-  | 60.2   | 22.9 | 22.2 | 27.0 | 10.4 |
| 5/8                | 3/4                 | F10-R-FT12- | 54.6   | 24.4 | 25.4 | 23.8 | 12.7 |
| 5/8                | 7/8                 | F10-R-FT14- | 56.1   | 24.4 | 25.4 | 23.8 | 12.7 |
| 5/8                | 1                   | F10-R-FT16- | 61.0   | 24.4 | 25.4 | 27.0 | 12.7 |
| 3/4                | 1/2                 | F12-R-FT8-  | 54.6   | 24.4 | 28.6 | 27.0 | 9.4  |
| 3/4                | 3/4                 | F12-R-FT12- | 54.6   | 24.4 | 28.6 | 27.0 | 14.7 |
| 3/4                | 1                   | F12-R-FT16- | 62.5   | 24.4 | 28.6 | 27.0 | 15.7 |

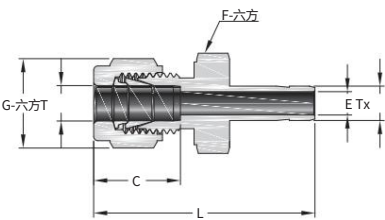
英制轉公制雙卡套-卡套管縮徑直通

| T-Tube 外徑<br>(in.) | Tx-Tube 外徑<br>(mm) | 基本訂購資訊    | 尺寸, mm |      |      |      |     |
|--------------------|--------------------|-----------|--------|------|------|------|-----|
|                    |                    |           | L      | C    | G    | F    | E   |
| 1/8                | 6                  | F2-R-MT6- | 36.1   | 12.7 | 11.1 | 11.1 | 2.3 |

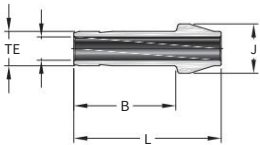


公制雙卡套-卡套管縮徑直通

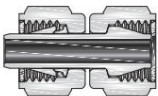
| T-Tube 外<br>徑<br>(mm) | Tx-Tube 外<br>徑<br>(mm) | 基本訂購資訊      | 尺寸, mm |      |    |    |      |
|-----------------------|------------------------|-------------|--------|------|----|----|------|
|                       |                        |             | L      | C    | G  | F  | E    |
| 2                     | 3                      | M2-R-MT3-   | 33.5   | 12.9 | 12 | 12 | 1.7  |
| 3                     | 4                      | M3-R-MT4-   | 35.0   | 12.9 | 12 | 12 | 2.4  |
| 3                     | 6                      | M3-R-MT6-   | 36.1   | 12.9 | 12 | 12 | 2.4  |
| 3                     | 10                     | M3-R-MT10-  | 38.4   | 12.9 | 12 | 14 | 2.4  |
| 4                     | 6                      | M4-R-MT6-   | 37.1   | 13.7 | 12 | 12 | 2.4  |
| 6                     | 3                      | M6-R-MT3-   | 36.9   | 15.3 | 14 | 14 | 1.9  |
| 6                     | 8                      | M6-R-MT8-   | 39.9   | 15.3 | 14 | 14 | 4.8  |
| 6                     | 10                     | M6-R-MT10-  | 40.7   | 15.3 | 14 | 14 | 4.8  |
| 6                     | 12                     | M6-R-MT12-  | 46.3   | 15.3 | 14 | 14 | 4.8  |
| 6                     | 18                     | M6-R-MT18-  | 49.6   | 15.3 | 14 | 22 | 4.8  |
| 8                     | 6                      | M8-R-MT6-   | 40.3   | 16.2 | 16 | 15 | 4.1  |
| 8                     | 10                     | M8-R-MT10-  | 42.0   | 16.2 | 16 | 15 | 6.4  |
| 8                     | 12                     | M8-R-MT12-  | 47.6   | 16.2 | 16 | 15 | 6.4  |
| 10                    | 6                      | M10-R-MT6-  | 42.4   | 17.2 | 19 | 18 | 4.1  |
| 10                    | 8                      | M10-R-MT8-  | 43.4   | 17.2 | 19 | 18 | 5.6  |
| 10                    | 12                     | M10-R-MT12- | 49.8   | 17.2 | 19 | 18 | 7.9  |
| 10                    | 15                     | M10-R-MT15- | 51.3   | 17.2 | 19 | 18 | 7.9  |
| 10                    | 18                     | M10-R-MT18- | 51.3   | 17.2 | 19 | 22 | 7.9  |
| 12                    | 6                      | M12-R-MT6-  | 44.9   | 22.8 | 22 | 22 | 4.1  |
| 12                    | 8                      | M12-R-MT8-  | 45.9   | 22.8 | 22 | 22 | 5.6  |
| 12                    | 10                     | M12-R-MT10- | 46.7   | 22.8 | 22 | 22 | 7.1  |
| 12                    | 16                     | M12-R-MT16- | 53.8   | 22.8 | 22 | 22 | 9.5  |
| 12                    | 18                     | M12-R-MT18- | 53.8   | 22.8 | 22 | 22 | 9.5  |
| 12                    | 20                     | M12-R-MT20- | 56.1   | 22.8 | 22 | 22 | 9.5  |
| 12                    | 22                     | M12-R-MT22- | 56.1   | 22.8 | 22 | 24 | 9.5  |
| 12                    | 25                     | M12-R-MT25- | 62.4   | 22.8 | 22 | 27 | 9.5  |
| 16                    | 12                     | M16-R-MT12- | 53.0   | 24.4 | 25 | 24 | 8.8  |
| 18                    | 12                     | M18-R-MT12- | 54.6   | 24.4 | 30 | 27 | 8.8  |
| 18                    | 16                     | M18-R-MT16- | 56.1   | 24.4 | 30 | 27 | 12.0 |
| 18                    | 20                     | M18-R-MT20- | 57.6   | 24.4 | 30 | 27 | 15.1 |
| 18                    | 22                     | M18-R-MT22- | 57.6   | 24.4 | 30 | 27 | 15.1 |
| 18                    | 25                     | M18-R-MT25- | 62.4   | 24.4 | 30 | 27 | 15.1 |
| 20                    | 16                     | M20-R-MT16- | 57.9   | 26.0 | 32 | 30 | 12.0 |
| 20                    | 18                     | M20-R-MT18- | 57.9   | 26.0 | 32 | 30 | 13.9 |
| 20                    | 22                     | M20-R-MT22- | 59.4   | 26.0 | 32 | 30 | 15.9 |
| 20                    | 25                     | M20-R-MT25- | 64.2   | 26.0 | 32 | 30 | 15.8 |
| 22                    | 18                     | M22-R-MT18- | 57.9   | 26.0 | 32 | 30 | 13.9 |
| 22                    | 20                     | M22-R-MT20- | 59.4   | 26.0 | 32 | 30 | 15.5 |
| 22                    | 25                     | M22-R-MT25- | 64.2   | 26.0 | 32 | 30 | 18.3 |
| 25                    | 18                     | M25-R-MT18- | 63.1   | 31.3 | 38 | 35 | 13.9 |
| 25                    | 20                     | M25-R-MT20- | 64.6   | 31.3 | 38 | 35 | 15.5 |



雙卡套孔口接頭



1 / 25 mm 及以下



1 1/4 / 28 mm 以上

公制轉英制雙卡套-卡套管縮徑直通

| T-Tube 外徑 (mm) | Tx-Tube 外徑 (in.) | 基本訂購資訊      | 尺寸, mm |      |    |    |      |
|----------------|------------------|-------------|--------|------|----|----|------|
|                |                  |             | L      | C    | G  | F  | E    |
| 2              | 1/8              | M2-R-FT2-   | 33.5   | 12.9 | 12 | 12 | 1.7  |
| 3              | 1/8              | M3-R-FT2-   | 33.5   | 12.9 | 12 | 12 | 2.0  |
| 3              | 1/4              | M3-R-FT4-   | 36.1   | 12.9 | 12 | 12 | 2.4  |
| 4              | 1/4              | M4-R-FT4-   | 37.1   | 13.7 | 12 | 12 | 2.4  |
| 6              | 1/8              | M6-R-FT2-   | 36.9   | 15.3 | 14 | 14 | 2.0  |
| 6              | 1/4              | M6-R-FT4-   | 39.2   | 15.3 | 14 | 14 | 4.4  |
| 6              | 5/16             | M6-R-FT5-   | 39.9   | 15.3 | 14 | 14 | 4.8  |
| 6              | 3/8              | M6-R-FT6-   | 40.7   | 15.3 | 14 | 14 | 4.8  |
| 6              | 1/2              | M6-R-FT8-   | 46.3   | 15.3 | 14 | 14 | 4.8  |
| 8              | 1/4              | M8-R-FT4-   | 40.3   | 16.2 | 16 | 15 | 4.4  |
| 8              | 3/8              | M8-R-FT6-   | 42.0   | 16.2 | 16 | 15 | 6.4  |
| 8              | 1/2              | M8-R-FT8-   | 47.6   | 16.2 | 16 | 15 | 6.4  |
| 10             | 3/8              | M10-R-FT6-  | 44.2   | 17.2 | 19 | 18 | 6.8  |
| 10             | 1/2              | M10-R-FT8-  | 49.8   | 17.2 | 19 | 18 | 7.9  |
| 12             | 1/2              | M12-R-FT8-  | 52.3   | 22.8 | 22 | 22 | 9.3  |
| 12             | 3/4              | M12-R-FT12- | 53.8   | 22.8 | 22 | 22 | 9.5  |
| 18             | 3/4              | M18-R-FT12- | 56.1   | 24.4 | 30 | 27 | 14.7 |
| 18             | 1                | M18-R-FT16- | 62.4   | 24.4 | 30 | 27 | 15.1 |
| 25             | 1                | M25-R-FT16- | 69.5   | 31.3 | 38 | 35 | 20.2 |

英制雙卡套孔口接頭

| T-Tube 外徑 (in.) | 基本訂購資訊               | 尺寸, mm |      |      |      |
|-----------------|----------------------|--------|------|------|------|
|                 |                      | L      | B    | E    | J    |
| 1/16            | PC-F1-               | 13.7   | 10.7 | 0.8  | 3.3  |
| 1/8             | PC-F2-               | 22.4   | 15.7 | 2.0  | 6.1  |
| 1/4             | PC-F4-               | 24.6   | 18.8 | 4.3  | 9.4  |
| 5/16            | PC-F5-               | 25.9   | 20.1 | 5.6  | 10.9 |
| 3/8             | PC-F6-               | 26.2   | 20.3 | 6.9  | 12.7 |
| 1/2             | PC-F8-               | 35.8   | 25.9 | 9.4  | 15.7 |
| 5/8             | PC-F10-              | 37.8   | 28.1 | 11.9 | 20.5 |
| 3/4             | PC-F12-              | 37.3   | 27.7 | 14.7 | 22.1 |
| 1               | PC-F16-              | 48.0   | 34.5 | 20.3 | 28.4 |
| 1 1/4           | PC-F20- <sup>①</sup> | 69.1   | 50.6 | 25.9 | 37.4 |
| 1 1/2           | PC-F24- <sup>①</sup> | 84.1   | 59.4 | 31.8 | 45.8 |

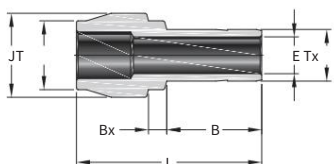
① 附有螺帽和預裝卡套

公制雙卡套孔口接頭

| T-Tube 外徑 (mm) | 基本訂購資訊               | 尺寸, mm |      |      |      |
|----------------|----------------------|--------|------|------|------|
|                |                      | L      | B    | E    | J    |
| 3              | PC-M3-               | 22.2   | 15.7 | 1.9  | 6.0  |
| 6              | PC-M6-               | 24.6   | 18.7 | 4.1  | 9.0  |
| 8              | PC-M8-               | 25.9   | 20.0 | 5.6  | 11.0 |
| 10             | PC-M10-              | 26.1   | 20.2 | 7.1  | 13.1 |
| 12             | PC-M12-              | 35.8   | 26.0 | 8.8  | 15.0 |
| 15             | PC-M15-              | 37.8   | 27.6 | 11.2 | 19.6 |
| 16             | PC-M16-              | 37.8   | 27.6 | 12.0 | 20.6 |
| 18             | PC-M18-              | 37.8   | 27.7 | 13.9 | 21.0 |
| 20             | PC-M20-              | 39.4   | 29.2 | 15.5 | 24.6 |
| 25             | PC-M25-              | 49.3   | 34.5 | 19.9 | 31.2 |
| 28             | PC-M28- <sup>①</sup> | 63.5   | 48.3 | 22.5 | 34.4 |
| 30             | PC-M30- <sup>①</sup> | 67.6   | 52.2 | 24.3 | 37.4 |
| 32             | PC-M32- <sup>①</sup> | 69.7   | 52.4 | 26.5 | 39.4 |
| 38             | PC-M38- <sup>①</sup> | 81.9   | 61.4 | 31.6 | 45.8 |

① 附有螺帽和預裝卡套

## 縮徑雙卡套孔口接頭



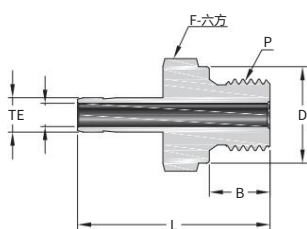
英制縮徑雙卡套孔口接頭

| T-Tube 外徑<br>(in.) | Tx-Tube 外徑<br>(in.) | 基本訂購資訊      | 尺寸, mm |      |      |     |      |
|--------------------|---------------------|-------------|--------|------|------|-----|------|
|                    |                     |             | L      | B    | E    | Bx  | J    |
| 1/8                | 1/16                | F2-PC-F1-   | 17.3   | 8.6  | 0.8  | 2.0 | 6.1  |
| 1/4                | 1/16                | F4-PC-F1-   | 18.0   | 8.6  | 0.8  | 3.6 | 9.4  |
| 1/4                | 1/8                 | F4-PC-F2-   | 22.6   | 13.5 | 2.0  | 3.3 | 9.4  |
| 3/8                | 1/8                 | F6-PC-F2-   | 23.1   | 13.5 | 2.0  | 3.8 | 12.7 |
| 3/8                | 1/4                 | F6-PC-F4-   | 24.9   | 15.7 | 4.3  | 3.3 | 12.7 |
| 1/2                | 1/4                 | F8-PC-F4-   | 29.2   | 15.7 | 4.3  | 3.8 | 15.7 |
| 1/2                | 3/8                 | F8-PC-F6-   | 30.5   | 17.5 | 6.9  | 3.3 | 15.7 |
| 3/4                | 1/2                 | F12-PC-F8-  | 37.8   | 23.1 | 9.4  | 3.8 | 22.1 |
| 1                  | 1/2                 | F16-PC-F8-  | 42.9   | 24.4 | 9.4  | 4.8 | 28.5 |
| 1                  | 3/4                 | F16-PC-F12- | 43.7   | 25.9 | 14.7 | 4.1 | 28.5 |

公制縮徑雙卡套孔口接頭

| T-Tube 外徑<br>(mm) | Tx-Tube 外徑<br>(mm) | 基本訂購資訊      | 尺寸, mm |      |      |      |      |
|-------------------|--------------------|-------------|--------|------|------|------|------|
|                   |                    |             | L      | B    | E    | Bx   | J    |
| 6                 | 3                  | M6-PC-M3-   | 22.6   | 13.5 | 1.9  | 3.2  | 9.0  |
| 8                 | 6                  | M8-PC-M6-   | 24.7   | 15.7 | 4.1  | 3.1  | 11.0 |
| 10                | 6                  | M10-PC-M6-  | 25.0   | 15.7 | 4.1  | 3.4  | 13.1 |
| 10                | 8                  | M10-PC-M8-  | 26.3   | 17.0 | 5.6  | 3.1  | 13.1 |
| 12                | 6                  | M12-PC-M6-  | 29.6   | 15.7 | 4.1  | 3.6  | 15.0 |
| 12                | 8                  | M12-PC-M8-  | 29.8   | 16.8 | 5.6  | 3.4  | 15.0 |
| 12                | 10                 | M12-PC-M10- | 30.4   | 17.5 | 7.1  | 3.1  | 15.0 |
| 16                | 12                 | M16-PC-M12- | 36.2   | 23.1 | 8.8  | 3.4  | 19.0 |
| 28                | 25                 | M28-PC-M25- | 56.5   | 33.0 | 19.8 | 8.2  | 34.3 |
| 32                | 25                 | M32-PC-M25- | 60.3   | 33.0 | 19.8 | 9.9  | 39.5 |
| 38                | 25                 | M38-PC-M25- | 65.8   | 33.0 | 19.8 | 12.3 | 47.1 |

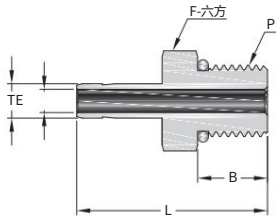
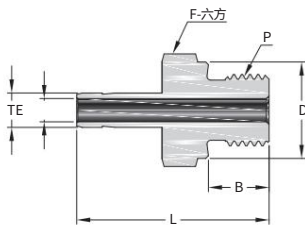
## 卡套管-陽螺紋直通



英制卡套管-陽螺紋直通

ISO平行螺紋(BS)

| T-Tube 外徑<br>(in.) | P-BS<br>尺寸 | 基本訂購資訊         | 尺寸, in.(mm) |            |            |            |            |
|--------------------|------------|----------------|-------------|------------|------------|------------|------------|
|                    |            |                | L           | B          | E          | F          | D          |
| 1/8                | 1/8        | FT2-MA-MBS2-   | 1.22(31.0)  | 0.28(7.1)  | 0.08(2.0)  | 0.56(14.3) | 0.54(13.7) |
| 1/8                | 1/4        | FT2-MA-MBS4-   | 1.41(35.8)  | 0.44(11.2) | 0.08(2.0)  | 0.75(19.1) | 0.70(17.8) |
| 1/4                | 1/8        | FT4-MA-MBS2-   | 1.31(33.3)  | 0.28(7.1)  | 0.16(4.1)  | 0.56(14.3) | 0.54(13.7) |
| 1/4                | 1/4        | FT4-MA-MBS4-   | 1.50(38.1)  | 0.44(11.2) | 0.17(4.3)  | 0.75(19.1) | 0.70(17.8) |
| 3/8                | 1/8        | FT6-MA-MBS2-   | 1.34(34.0)  | 0.28(7.1)  | 0.05(1.3)  | 0.56(14.3) | 0.54(13.7) |
| 3/8                | 1/4        | FT6-MA-MBS4-   | 1.57(39.9)  | 0.44(11.2) | 0.23(5.8)  | 0.75(19.1) | 0.70(17.8) |
| 3/8                | 3/8        | FT6-MA-MBS6-   | 1.60(40.6)  | 0.44(11.2) | 0.27(6.9)  | 0.87(22.2) | 0.85(21.6) |
| 3/8                | 1/2        | FT6-MA-MBS8-   | 1.69(42.9)  | 0.56(14.2) | 0.28(7.1)  | 1.06(27.0) | 1.02(25.9) |
| 1/2                | 1/4        | FT8-MA-MBS4-   | 1.79(45.5)  | 0.44(11.2) | 0.23(5.8)  | 0.75(19.1) | 0.70(17.8) |
| 1/2                | 3/8        | FT8-MA-MBS6-   | 1.82(46.2)  | 0.44(11.2) | 0.31(7.9)  | 0.87(22.2) | 0.85(21.6) |
| 1/2                | 1/2        | FT8-MA-MBS8-   | 1.94(49.2)  | 0.56(14.2) | 0.37(9.4)  | 1.06(27.0) | 1.02(25.9) |
| 5/8                | 1/2        | FT10-MA-MBS8-  | 1.97(50.0)  | 0.56(14.2) | 0.47(11.9) | 1.06(27.0) | 1.02(25.9) |
| 3/4                | 3/4        | FT12-MA-MBS12- | 2.16(54.9)  | 0.63(16.0) | 0.58(14.7) | 1.31(33.3) | 1.26(32.0) |
| 1                  | 1          | FT16-MA-MBS16- | 2.54(64.5)  | 0.72(18.3) | 0.80(20.3) | 1.63(41.3) | 1.53(38.9) |



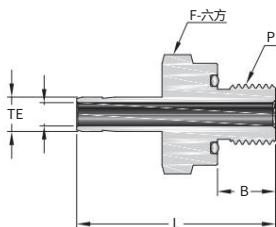
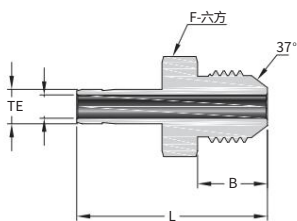
1 及以下



1 1/4 以上

適用於SAE J1926-1、ISO 11926-1和MS 16142的直螺紋凸台。

## 卡套管-陽螺紋直通



## 英制卡套管-陽螺紋直通

## ISO平行螺紋(BP)

| T-Tube 外徑<br>(in.) | P-BP 尺寸 | 基本訂購資訊          | 尺寸, in.(mm) |            |            |            |            |
|--------------------|---------|-----------------|-------------|------------|------------|------------|------------|
|                    |         |                 | L           | B          | E          | F          | D          |
| 1/8                | 1/8     | FT2-MA-PMBP2-   | 1.09(27.7)  | 0.28(7.1)  | 0.05(1.3)  | 0.56(14.3) | 0.54(13.7) |
| 1/8                | 1/4     | FT2-MA-PMBP4-   | 1.31(33.3)  | 0.44(11.2) | 0.05(1.3)  | 0.75(19.1) | 0.70(17.8) |
| 1/4                | 1/8     | FT4-MA-PMBP2-   | 1.19(30.2)  | 0.28(7.1)  | 0.16(4.1)  | 0.56(14.3) | 0.54(13.7) |
| 1/4                | 1/4     | FT4-MA-PMBP4-   | 1.50(38.1)  | 0.44(11.2) | 0.18(4.6)  | 0.75(19.1) | 0.70(17.8) |
| 3/8                | 1/8     | FT6-MA-PMBP2-   | 1.34(34.0)  | 0.28(7.1)  | 0.05(1.3)  | 0.75(19.1) | 0.54(13.7) |
| 3/8                | 1/4     | FT6-MA-PMBP4-   | 1.47(37.3)  | 0.44(11.2) | 0.25(6.4)  | 0.75(19.1) | 0.70(17.8) |
| 3/8                | 3/8     | FT6-MA-PMBP6-   | 1.50(38.1)  | 0.44(11.2) | 0.28(7.1)  | 0.87(22.2) | 0.85(21.6) |
| 3/8                | 1/2     | FT6-MA-PMBP8-   | 1.69(42.9)  | 0.56(14.2) | 0.28(7.1)  | 1.06(27.0) | 1.02(25.9) |
| 1/2                | 1/4     | FT8-MA-PMBP4-   | 1.69(42.9)  | 0.44(11.2) | 0.25(6.4)  | 0.75(19.1) | 0.70(17.8) |
| 1/2                | 3/8     | FT8-MA-PMBP6-   | 1.72(43.7)  | 0.44(11.2) | 0.31(7.9)  | 0.87(22.2) | 0.85(21.6) |
| 1/2                | 1/2     | FT8-MA-PMBP8-   | 1.94(49.3)  | 0.56(14.2) | 0.39(9.9)  | 1.06(27.0) | 1.02(25.9) |
| 5/8                | 1/2     | FT10-MA-PMBP8-  | 1.97(50.0)  | 0.56(14.2) | 0.47(11.9) | 1.06(27.0) | 1.02(25.9) |
| 3/4                | 3/4     | FT12-MA-PMBP12- | 2.09(53.1)  | 0.63(16.0) | 0.58(14.7) | 1.32(33.5) | 1.26(32.0) |
| 1                  | 1       | FT16-MA-PMBP16- | 2.49(63.3)  | 0.72(18.3) | 0.80(20.3) | 1.63(41.3) | 1.53(38.9) |

## 英制卡套管-陽螺紋直通

## SAE/MS直螺紋

| T-Tube 外徑<br>(in.) | P-SAE/MS 螺紋尺寸 | 基本訂購資訊                      | 尺寸, in.(mm) |            |            |            |
|--------------------|---------------|-----------------------------|-------------|------------|------------|------------|
|                    |               |                             | L           | B          | E          | F          |
| 1/8                | 5/16-24       | FT2-MA-OST5-                | 1.20(30.5)  | 0.30(7.6)  | 0.08(2.0)  | 0.44(11.1) |
| 1/4                | 7/16-20       | FT4-MA-OST7-                | 1.39(35.3)  | 0.36(9.1)  | 0.17(4.3)  | 0.56(14.3) |
| 3/8                | 7/16-20       | FT6-MA-OST7-                | 1.46(37.1)  | 0.36(9.1)  | 0.20(5.1)  | 0.56(14.3) |
| 3/8                | 9/16-18       | FT6-MA-OST9-                | 1.52(38.6)  | 0.39(9.9)  | 0.27(6.9)  | 0.69(17.5) |
| 3/8                | 3/4-16        | FT6-MA-OST12-               | 1.60(40.6)  | 0.44(11.2) | 0.27(6.9)  | 0.87(22.2) |
| 1/2                | 9/16-18       | FT8-MA-OST9-                | 1.74(44.2)  | 0.39(9.9)  | 0.28(7.1)  | 0.69(17.5) |
| 1/2                | 3/4-16        | FT8-MA-OST12-               | 1.82(46.2)  | 0.44(11.2) | 0.37(9.4)  | 0.87(22.2) |
| 5/8                | 7/8-14        | FT10-MA-OST14-              | 1.94(49.3)  | 0.50(12.7) | 0.47(11.9) | 1.00(25.4) |
| 3/4                | 1 1/16-12     | FT12-MA-OST17-              | 2.10(53.3)  | 0.59(15.0) | 0.58(14.7) | 1.25(31.8) |
| 1                  | 1 5/16-12     | FT16-MA-OST21-              | 2.41(61.2)  | 0.59(15.0) | 0.80(20.3) | 1.50(38.1) |
| 1 1/4              | 1 5/8-12      | FT20-MA-OST26- <sup>①</sup> | 2.81(71.4)  | 0.59(15.0) | 1.02(25.9) | 1.87(47.6) |
| 1 1/2              | 1 7/8-12      | FT24-MA-OST30- <sup>①</sup> | 3.28(83.3)  | 0.59(15.0) | 1.25(31.8) | 2.13(54.0) |

① 附有螺帽和預裝卡套

## 英制卡套管-陽螺紋直通

## 37 度口陽螺紋(AN)

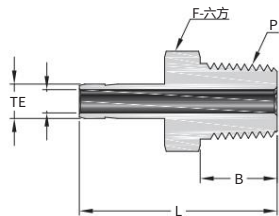
| T-Tube 外徑<br>(in.) | AN Tube Flare 尺寸 | 基本訂購資訊        | 尺寸, in.(mm) |            |            |            |
|--------------------|------------------|---------------|-------------|------------|------------|------------|
|                    |                  |               | L           | B          | E          | F          |
| 1/4                | 1/4              | FT4-MA-AN4-   | 1.46(37.1)  | 0.55(14.0) | 0.17(4.3)  | 0.50(12.7) |
| 3/8                | 1/4              | FT6-MA-AN4-   | 1.53(38.9)  | 0.55(14.0) | 0.17(4.3)  | 0.50(12.7) |
| 3/8                | 3/8              | FT6-MA-AN6-   | 1.56(39.6)  | 0.56(14.2) | 0.27(6.9)  | 0.63(15.9) |
| 1/2                | 1/2              | FT8-MA-AN8-   | 1.91(48.5)  | 0.66(16.8) | 0.37(9.4)  | 0.81(20.6) |
| 3/4                | 3/4              | FT12-MA-AN12- | 2.21(56.1)  | 0.86(21.8) | 0.58(14.7) | 1.13(28.6) |
| 1                  | 1                | FT16-MA-AN16- | 2.58(65.5)  | 0.91(23.1) | 0.80(20.3) | 1.37(34.9) |

## 英制卡套管-陽螺紋直通

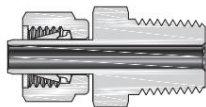
## SAE/MS直螺紋O型密封圈

| T-Tube 外徑<br>(in.) | P-SAE/MS 螺紋 尺寸 | 基本訂購資訊        | 尺寸, in.(mm) |            |           |            |
|--------------------|----------------|---------------|-------------|------------|-----------|------------|
|                    |                |               | L           | B          | E         | F          |
| 1/8                | 5/16-24        | FT2-MA-STO5-  | 1.28(32.5)  | 0.34(8.6)  | 0.08(2.0) | 0.56(14.3) |
| 3/16               | 3/8-24         | FT3-MA-STO6-  | 1.38(35.1)  | 0.38(9.7)  | 0.12(3.0) | 0.63(15.9) |
| 1/4                | 7/16-20        | FT4-MA-STO7-  | 1.54(39.1)  | 0.41(10.4) | 0.17(4.3) | 0.75(19.1) |
| 5/16               | 1/2-20         | FT5-MA-STO8-  | 1.64(41.7)  | 0.44(11.2) | 0.22(5.6) | 0.87(22.2) |
| 3/8                | 9/16-18        | FT6-MA-STO9-  | 1.70(43.2)  | 0.47(11.9) | 0.27(6.9) | 0.94(23.8) |
| 1/2                | 3/4-16         | FT8-MA-STO12- | 1.95(49.5)  | 0.47(11.9) | 0.37(9.4) | 1.13(28.6) |

卡套管-陽螺紋直通



1 及以下



1 1/4 以上

英制卡套管-陽螺紋直通

NPT螺紋

| T-Tube 外徑<br>(in.) | P-NPT<br>尺寸 | 基本訂購資訊                      | 尺寸, in.(mm) |            |            |            |
|--------------------|-------------|-----------------------------|-------------|------------|------------|------------|
|                    |             |                             | L           | B          | E          | F          |
| 1/16               | 1/8         | FT1-MA-NPT2-                | 1.00(25.4)  | 0.38(9.7)  | 0.03(0.8)  | 0.44(11.1) |
| 1/8                | 1/8         | FT2-MA-NPT2-                | 1.16(29.5)  | 0.38(9.7)  | 0.08(2.0)  | 0.44(11.1) |
| 1/8                | 1/4         | FT2-MA-NPT4-                | 1.37(34.8)  | 0.56(14.2) | 0.08(2.0)  | 0.56(14.3) |
| 3/16               | 1/8         | FT3-MA-NPT2-                | 1.19(30.2)  | 0.38(9.7)  | 0.12(3.0)  | 0.44(11.1) |
| 3/16               | 1/4         | FT3-MA-NPT4-                | 1.40(35.6)  | 0.56(14.2) | 0.12(3.0)  | 0.56(14.3) |
| 1/4                | 1/8         | FT4-MA-NPT2-                | 1.25(31.8)  | 0.38(9.7)  | 0.17(4.3)  | 0.44(11.1) |
| 1/4                | 1/4         | FT4-MA-NPT4-                | 1.46(37.1)  | 0.56(14.2) | 0.17(4.3)  | 0.56(14.3) |
| 1/4                | 3/8         | FT4-MA-NPT6-                | 1.49(37.8)  | 0.56(14.2) | 0.17(4.3)  | 0.69(17.5) |
| 1/4                | 1/2         | FT4-MA-NPT8-                | 1.71(43.4)  | 0.75(19.1) | 0.17(4.3)  | 0.87(22.2) |
| 5/16               | 1/8         | FT5-MA-NPT2-                | 1.29(32.8)  | 0.38(9.7)  | 0.19(4.8)  | 0.44(11.1) |
| 5/16               | 1/4         | FT5-MA-NPT4-                | 1.50(38.1)  | 0.56(14.2) | 0.22(5.6)  | 0.56(14.3) |
| 5/16               | 3/8         | FT5-MA-NPT6-                | 1.53(38.9)  | 0.56(14.2) | 0.22(5.6)  | 0.69(17.5) |
| 5/16               | 1/2         | FT5-MA-NPT8-                | 1.74(44.2)  | 0.75(19.1) | 0.22(5.6)  | 0.87(22.2) |
| 3/8                | 1/8         | FT6-MA-NPT2-                | 1.32(33.5)  | 0.38(9.7)  | 0.19(4.8)  | 0.44(11.1) |
| 3/8                | 1/4         | FT6-MA-NPT4-                | 1.53(38.9)  | 0.56(14.2) | 0.27(6.9)  | 0.56(14.3) |
| 3/8                | 3/8         | FT6-MA-NPT6-                | 1.56(39.6)  | 0.56(14.2) | 0.27(6.9)  | 0.69(17.5) |
| 3/8                | 1/2         | FT6-MA-NPT8-                | 1.78(45.2)  | 0.75(19.1) | 0.27(6.9)  | 0.87(22.2) |
| 1/2                | 1/4         | FT8-MA-NPT4-                | 1.75(44.5)  | 0.56(14.2) | 0.28(7.1)  | 0.56(14.3) |
| 1/2                | 3/8         | FT8-MA-NPT6-                | 1.78(45.2)  | 0.56(14.2) | 0.37(9.4)  | 0.69(17.5) |
| 1/2                | 1/2         | FT8-MA-NPT8-                | 2.00(50.8)  | 0.75(19.1) | 0.37(9.4)  | 0.87(22.2) |
| 5/8                | 1/2         | FT10-MA-NPT8-               | 2.06(52.3)  | 0.75(19.1) | 0.47(11.9) | 0.87(22.2) |
| 3/4                | 1/2         | FT12-MA-NPT8-               | 2.06(52.3)  | 0.75(19.1) | 0.47(11.9) | 0.87(22.2) |
| 3/4                | 3/4         | FT12-MA-NPT12-              | 2.06(52.3)  | 0.75(19.1) | 0.58(14.7) | 1.06(27.0) |
| 3/4                | 1           | FT12-MA-NPT16-              | 2.41(61.2)  | 0.94(23.9) | 0.81(20.7) | 1.37(34.9) |
| 1                  | 3/4         | FT16-MA-NPT12-              | 2.31(58.7)  | 0.75(19.1) | 0.62(15.7) | 1.06(27.0) |
| 1                  | 1           | FT16-MA-NPT16-              | 2.60(66.0)  | 0.94(23.9) | 0.80(20.3) | 1.37(34.9) |
| 1 1/4              | 1 1/4       | FT20-MA-NPT20- <sup>①</sup> | 3.16(80.3)  | 0.94(23.9) | 1.02(25.9) | 1.75(44.5) |
| 1 1/2              | 1 1/2       | FT24-MA-NPT24- <sup>①</sup> | 3.72(94.5)  | 1.03(26.2) | 1.25(31.8) | 2.13(54.0) |

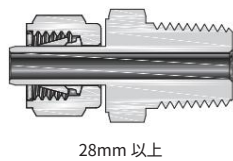
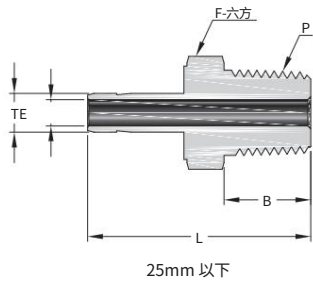
① 附有螺帽和預裝卡套

英制卡套管-陽螺紋直通

ISO錐形螺紋(BSPT)

| T-Tube 外徑<br>(in.) | P-BSPT<br>尺寸 | 基本訂購資訊         | 尺寸, in.(mm) |            |            |            |
|--------------------|--------------|----------------|-------------|------------|------------|------------|
|                    |              |                | L           | B          | E          | F          |
| 1/8                | 1/8          | FT2-MA-MBT2-   | 1.16(29.5)  | 0.38(9.7)  | 0.08(2.0)  | 0.44(11.1) |
| 1/8                | 1/4          | FT2-MA-MBT4-   | 1.37(34.8)  | 0.56(14.2) | 0.08(2.0)  | 0.56(14.3) |
| 1/4                | 1/8          | FT4-MA-MBT2-   | 1.25(31.8)  | 0.38(9.7)  | 0.17(4.3)  | 0.44(11.1) |
| 1/4                | 1/4          | FT4-MA-MBT4-   | 1.46(37.1)  | 0.56(14.2) | 0.17(4.3)  | 0.56(14.3) |
| 1/4                | 3/8          | FT4-MA-MBT6-   | 1.49(37.8)  | 0.56(14.2) | 0.17(4.3)  | 0.69(17.5) |
| 1/4                | 1/2          | FT4-MA-MBT8-   | 1.71(43.4)  | 0.75(19.1) | 0.17(4.3)  | 0.87(22.2) |
| 5/16               | 1/8          | FT5-MA-MBT2-   | 1.29(32.8)  | 0.38(9.7)  | 0.19(4.8)  | 0.44(11.1) |
| 5/16               | 1/4          | FT5-MA-MBT4-   | 1.50(38.1)  | 0.56(14.2) | 0.22(5.6)  | 0.56(14.3) |
| 3/8                | 1/4          | FT6-MA-MBT4-   | 1.53(38.9)  | 0.56(14.2) | 0.27(6.9)  | 0.56(14.3) |
| 3/8                | 3/8          | FT6-MA-MBT6-   | 1.56(39.6)  | 0.56(14.2) | 0.27(6.9)  | 0.69(17.5) |
| 3/8                | 1/2          | FT6-MA-MBT8-   | 1.78(45.2)  | 0.75(19.1) | 0.27(6.9)  | 0.87(22.2) |
| 1/2                | 1/4          | FT8-MA-MBT4-   | 1.75(44.5)  | 0.56(14.2) | 0.28(7.1)  | 0.56(14.3) |
| 1/2                | 3/8          | FT8-MA-MBT6-   | 1.78(45.2)  | 0.56(14.2) | 0.37(9.4)  | 0.69(17.5) |
| 1/2                | 1/2          | FT8-MA-MBT8-   | 2.00(50.8)  | 0.75(19.1) | 0.37(9.4)  | 0.87(22.2) |
| 5/8                | 3/8          | FT10-MA-MBT6-  | 1.91(48.5)  | 0.56(14.2) | 0.37(9.5)  | 0.69(17.5) |
| 5/8                | 1/2          | FT10-MA-MBT8-  | 2.06(52.3)  | 0.75(19.1) | 0.47(11.9) | 0.87(22.2) |
| 3/4                | 3/4          | FT12-MA-MBT12- | 2.06(52.3)  | 0.75(19.1) | 0.58(14.7) | 1.06(27.0) |
| 1                  | 1            | FT16-MA-MBT16- | 2.60(66.0)  | 0.94(23.9) | 0.80(20.3) | 1.37(34.9) |

卡套管-陽螺紋直通



公制卡套管-陽螺紋直通

NPT螺紋

| T-Tube<br>外徑<br>(mm) | P-NPT<br>尺寸 | 基本訂購資訊                      | 尺寸, mm(in.) |            |            |            |
|----------------------|-------------|-----------------------------|-------------|------------|------------|------------|
|                      |             |                             | L           | B          | E          | F          |
| 3                    | 1/8         | MT3-MA-NPT2-                | 29.4(1.16)  | 9.7(0.38)  | 1.8(0.07)  | 12.0(0.47) |
| 4                    | 1/8         | MT4-MA-NPT2-                | 29.4(1.16)  | 9.7(0.38)  | 2.0(0.08)  | 12.0(0.47) |
| 6                    | 1/8         | MT6-MA-NPT2-                | 32.8(1.29)  | 9.7(0.38)  | 4.1(0.16)  | 12.0(0.47) |
| 6                    | 1/4         | MT6-MA-NPT4-                | 38.1(1.50)  | 14.2(0.56) | 4.1(0.16)  | 14.0(0.55) |
| 6                    | 3/8         | MT6-MA-NPT6-                | 39.2(1.54)  | 14.2(0.56) | 4.1(0.16)  | 18.0(0.71) |
| 6                    | 1/2         | MT6-MA-NPT8-                | 42.1(1.66)  | 19.1(0.75) | 4.1(0.16)  | 22.0(0.87) |
| 8                    | 1/4         | MT8-MA-NPT4-                | 39.1(1.54)  | 14.2(0.56) | 5.6(0.22)  | 14.0(0.55) |
| 8                    | 3/8         | MT8-MA-NPT6-                | 39.9(1.57)  | 14.2(0.56) | 5.6(0.22)  | 19.0(0.75) |
| 10                   | 1/4         | MT10-MA-NPT4-               | 39.9(1.57)  | 14.2(0.56) | 7.1(0.28)  | 14.0(0.55) |
| 10                   | 3/8         | MT10-MA-NPT6-               | 40.6(1.60)  | 14.2(0.56) | 7.1(0.28)  | 18.0(0.71) |
| 10                   | 1/2         | MT10-MA-NPT8-               | 46.2(1.82)  | 19.1(0.75) | 7.1(0.28)  | 22.0(0.87) |
| 12                   | 1/4         | MT12-MA-NPT4-               | 46.5(1.83)  | 14.2(0.56) | 7.1(0.28)  | 14.0(0.55) |
| 12                   | 3/8         | MT12-MA-NPT6-               | 46.2(1.82)  | 14.2(0.56) | 8.8(0.35)  | 18.0(0.71) |
| 12                   | 1/2         | MT12-MA-NPT8-               | 52.1(2.05)  | 19.1(0.75) | 8.8(0.35)  | 22.0(0.87) |
| 16                   | 1/2         | MT16-MA-NPT8-               | 50.8(2.00)  | 19.1(0.75) | 12.7(0.50) | 22.0(0.87) |
| 16                   | 3/4         | MT16-MA-NPT12-              | 51.6(2.03)  | 19.1(0.75) | 12.7(0.50) | 27.0(1.06) |
| 18                   | 1/2         | MT18-MA-NPT8-               | 50.8(2.00)  | 19.1(0.75) | 12.7(0.50) | 27.0(1.06) |
| 18                   | 3/4         | MT18-MA-NPT12-              | 51.6(2.03)  | 19.1(0.75) | 14.0(0.55) | 27.0(1.06) |
| 20                   | 1/2         | MT20-MA-NPT8-               | 51.8(2.04)  | 19.1(0.75) | 11.9(0.47) | 22.0(0.87) |
| 20                   | 3/4         | MT20-MA-NPT12-              | 52.4(2.06)  | 19.1(0.75) | 15.1(0.59) | 27.0(1.06) |
| 25                   | 1           | MT25-MA-NPT16-              | 65.9(2.59)  | 23.9(0.94) | 19.8(0.78) | 35.0(1.38) |
| 28                   | 1           | MT28-MA-NPT16- <sup>①</sup> | 74.4(2.93)  | 23.9(0.94) | 22.2(0.87) | 35.0(1.38) |
| 28                   | 1 1/4       | MT28-MA-NPT20- <sup>①</sup> | 76.2(3.00)  | 23.9(0.94) | 22.5(0.89) | 46.0(1.81) |
| 30                   | 1           | MT30-MA-NPT16- <sup>①</sup> | 79.2(3.12)  | 23.9(0.94) | 22.2(0.87) | 41.0(1.61) |
| 30                   | 1 1/4       | MT30-MA-NPT20- <sup>①</sup> | 80.0(3.15)  | 23.9(0.94) | 24.3(0.96) | 46.0(1.81) |
| 32                   | 1 1/4       | MT32-MA-NPT20- <sup>①</sup> | 81.0(3.19)  | 23.9(0.94) | 26.5(1.04) | 46.0(1.81) |
| 38                   | 1 1/2       | MT38-MA-NPT24- <sup>①</sup> | 92.2(3.63)  | 26.2(1.03) | 31.6(1.24) | 55.0(2.17) |

① 附有螺帽和預裝卡套

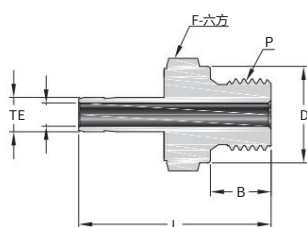
公制卡套管-陽螺紋直通

ISO錐形螺紋(BSPT)

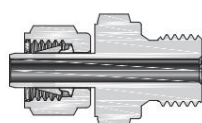
| T-Tube 外<br>徑<br>(mm) | P-BSPT<br>尺寸 | 基本訂購資訊                      | 尺寸, mm(in.) |            |            |            |
|-----------------------|--------------|-----------------------------|-------------|------------|------------|------------|
|                       |              |                             | L           | B          | E          | F          |
| 3                     | 1/8          | MT3-MA-MBT2-                | 29.4(1.16)  | 9.7(0.38)  | 1.8(0.07)  | 12.0(0.47) |
| 4                     | 1/8          | MT4-MA-MBT2-                | 29.4(1.16)  | 9.7(0.38)  | 2.0(0.08)  | 12.0(0.47) |
| 6                     | 1/8          | MT6-MA-MBT2-                | 32.8(1.29)  | 9.7(0.38)  | 4.1(0.16)  | 12.0(0.47) |
| 6                     | 1/4          | MT6-MA-MBT4-                | 38.1(1.50)  | 14.2(0.56) | 4.1(0.16)  | 14.0(0.55) |
| 8                     | 1/4          | MT8-MA-MBT4-                | 39.1(1.54)  | 14.2(0.56) | 5.6(0.22)  | 14.0(0.55) |
| 8                     | 3/8          | MT8-MA-MBT6-                | 39.9(1.57)  | 14.2(0.56) | 5.6(0.22)  | 18.0(0.71) |
| 10                    | 1/4          | MT10-MA-MBT4-               | 39.9(1.57)  | 14.2(0.56) | 7.1(0.28)  | 14.0(0.55) |
| 10                    | 3/8          | MT10-MA-MBT6-               | 40.6(1.60)  | 14.2(0.56) | 7.1(0.28)  | 18.0(0.71) |
| 10                    | 1/2          | MT10-MA-MBT8-               | 44.5(1.75)  | 19.1(0.75) | 7.5(0.30)  | 22.0(0.87) |
| 12                    | 1/4          | MT12-MA-MBT4-               | 46.5(1.83)  | 14.2(0.56) | 7.1(0.28)  | 16.0(0.63) |
| 12                    | 3/8          | MT12-MA-MBT6-               | 46.2(1.82)  | 14.2(0.56) | 8.8(0.35)  | 18.0(0.71) |
| 12                    | 1/2          | MT12-MA-MBT8-               | 51.8(2.04)  | 19.1(0.75) | 8.8(0.35)  | 22.0(0.87) |
| 16                    | 1/2          | MT16-MA-MBT8-               | 50.8(2.00)  | 19.1(0.75) | 12.7(0.50) | 22.0(0.87) |
| 18                    | 3/4          | MT18-MA-MBT12-              | 51.6(2.03)  | 19.1(0.75) | 14.0(0.55) | 27.0(1.06) |
| 20                    | 3/4          | MT20-MA-MBT12-              | 52.4(2.06)  | 19.1(0.75) | 15.1(0.59) | 27.0(1.06) |
| 25                    | 1            | MT25-MA-MBT16-              | 65.9(2.59)  | 23.9(0.94) | 19.8(0.78) | 35.0(1.38) |
| 28                    | 1            | MT28-MA-MBT16- <sup>①</sup> | 74.7(2.94)  | 23.9(0.94) | 22.2(0.87) | 35.0(1.38) |
| 28                    | 1 1/4        | MT28-MA-MBT20- <sup>①</sup> | 76.2(3.00)  | 23.9(0.94) | 22.5(0.89) | 46.0(1.81) |
| 30                    | 1 1/4        | MT30-MA-MBT20- <sup>①</sup> | 80.0(3.15)  | 23.9(0.94) | 24.3(0.96) | 46.0(1.81) |
| 32                    | 1 1/4        | MT32-MA-MBT20- <sup>①</sup> | 81.0(3.19)  | 23.9(0.94) | 26.5(1.04) | 46.0(1.81) |
| 38                    | 1 1/2        | MT38-MA-MBT24- <sup>①</sup> | 92.2(3.63)  | 26.2(1.03) | 31.6(1.24) | 55.0(2.17) |

① 附有螺帽和預裝卡套

## 卡套管-陽螺紋直通



25mm 以下



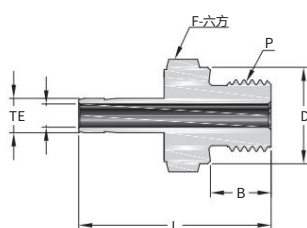
28mm 以上

公制卡套管-陽螺紋直通

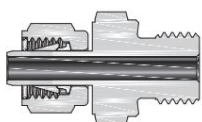
ISO平行螺紋(BS)

| T-Tube 外徑<br>(mm) | P-BS<br>尺寸 | 基本訂購資訊                      | 尺寸, mm(in.) |            |            |            |            |
|-------------------|------------|-----------------------------|-------------|------------|------------|------------|------------|
|                   |            |                             | L           | B          | E          | F          | D          |
| 3                 | 1/8        | MT3-MA-MBS2-                | 31.0(1.22)  | 7.1(0.28)  | 1.8(0.07)  | 14.0(0.55) | 13.7(0.54) |
| 4                 | 1/8        | MT4-MA-MBS2-                | 31.8(1.25)  | 7.1(0.28)  | 2.0(0.08)  | 14.0(0.55) | 13.7(0.54) |
| 6                 | 1/8        | MT6-MA-MBS2-                | 34.3(1.35)  | 7.1(0.28)  | 4.0(0.16)  | 14.0(0.55) | 13.7(0.54) |
| 6                 | 1/4        | MT6-MA-MBS4-                | 39.1(1.54)  | 11.2(0.44) | 4.1(0.16)  | 19.0(0.75) | 17.8(0.70) |
| 8                 | 1/4        | MT8-MA-MBS4-                | 40.1(1.58)  | 11.2(0.44) | 5.6(0.22)  | 19.0(0.75) | 17.8(0.70) |
| 10                | 1/4        | MT10-MA-MBS4-               | 40.9(1.61)  | 11.2(0.44) | 5.9(0.23)  | 19.0(0.75) | 17.8(0.70) |
| 10                | 3/8        | MT10-MA-MBS6-               | 41.7(1.64)  | 11.2(0.44) | 7.1(0.28)  | 22.0(0.87) | 21.6(0.85) |
| 10                | 1/2        | MT10-MA-MBS8-               | 44.7(1.76)  | 14.2(0.56) | 7.1(0.28)  | 27.0(1.06) | 25.9(1.02) |
| 12                | 1/4        | MT12-MA-MBS4-               | 46.7(1.84)  | 11.2(0.44) | 5.9(0.23)  | 19.0(0.75) | 17.8(0.70) |
| 12                | 3/8        | MT12-MA-MBS6-               | 47.2(1.86)  | 11.2(0.44) | 7.9(0.31)  | 22.0(0.87) | 21.6(0.85) |
| 12                | 1/2        | MT12-MA-MBS8-               | 50.5(1.99)  | 14.2(0.56) | 8.8(0.35)  | 27.0(1.06) | 25.9(1.02) |
| 16                | 1/2        | MT16-MA-MBS8-               | 50.8(2.00)  | 14.2(0.56) | 11.9(0.47) | 27.0(1.06) | 25.9(1.02) |
| 18                | 3/4        | MT18-MA-MBS12-              |             | 16.        | 13.9(0.55) | 35.0(1.35) | 32.0(1.26) |
| 20                | 3/4        | MT20-MA-MBS12-              | 57.0(2.24)  | 16.0(0.63) | 15.1(0.59) | 35.0(1.38) | 32.0(1.26) |
| 25                | 1          | MT25-MA-MBS16-              | 65.1(2.56)  | 18.3(0.72) | 19.8(0.78) | 41.0(1.61) | 38.9(1.53) |
| 28                | 1          | MT28-MA-MBS16- <sup>①</sup> | 72.9(2.87)  | 18.3(0.72) | 19.8(0.78) | 41.0(1.61) | 38.9(1.53) |
| 28                | 1 1/4      | MT28-MA-MBS20- <sup>①</sup> | 77.0(3.03)  | 19.8(0.78) | 22.5(0.89) | 50.0(1.97) | 49.0(1.93) |
| 30                | 1 1/4      | MT30-MA-MBS20- <sup>①</sup> | 80.8(3.18)  | 19.8(0.78) | 24.3(0.96) | 50.0(1.97) | 49.0(1.93) |
| 32                | 1 1/4      | MT32-MA-MBS20- <sup>①</sup> | 81.8(3.22)  | 19.8(0.78) | 26.5(1.04) | 50.0(1.97) | 49.0(1.93) |
| 38                | 1 1/2      | MT38-MA-MBS24- <sup>①</sup> | 94.5(3.72)  | 22.1(0.87) | 31.6(1.24) | 55.0(2.17) | 54.7(2.15) |

① 附有螺帽和預裝卡套



25mm 以下



28mm 以上

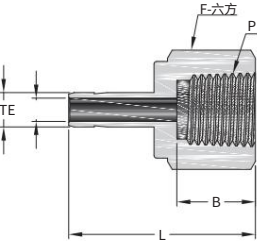
公制卡套管-陽螺紋直通

ISO平行螺紋(BP)

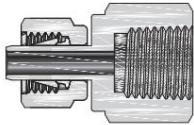
| T-Tube 外徑<br>(mm) | P-BP<br>尺寸 | 基本訂購資訊                       | 尺寸, mm(in.) |            |            |            |            |
|-------------------|------------|------------------------------|-------------|------------|------------|------------|------------|
|                   |            |                              | L           | B          | E          | F          | D          |
| 3                 | 1/8        | MT3-MA-PMBP2-                | 31.0(1.22)  | 7.1(0.28)  | 1.8(0.07)  | 14.0(0.55) | 13.7(0.54) |
| 4                 | 1/8        | MT4-MA-PMBP2-                | 31.8(1.25)  | 7.1(0.28)  | 2.0(0.08)  | 14.0(0.55) | 13.7(0.54) |
| 6                 | 1/8        | MT6-MA-PMBP2-                | 33.3(1.31)  | 7.1(0.28)  | 4.0(0.16)  | 14.0(0.55) | 13.7(0.54) |
| 6                 | 1/4        | MT6-MA-PMBP4-                | 38.1(1.50)  | 11.2(0.44) | 4.0(0.16)  | 19.0(0.75) | 17.8(0.70) |
| 8                 | 1/4        | MT8-MA-PMBP4-                | 38.9(1.53)  | 11.2(0.44) | 6.4(0.25)  | 19.0(0.75) | 17.8(0.70) |
| 10                | 1/4        | MT10-MA-PMBP4-               | 38.9(1.53)  | 11.2(0.44) | 6.4(0.25)  | 19.0(0.75) | 17.8(0.70) |
| 10                | 3/8        | MT10-MA-PMBP6-               | 39.7(1.56)  | 11.2(0.44) | 7.5(0.30)  | 22.0(0.87) | 21.6(0.85) |
| 10                | 1/2        | MT10-MA-PMBP8-               | 42.9(1.69)  | 14.2(0.56) | 7.5(0.30)  | 27.0(1.06) | 25.9(1.02) |
| 12                | 1/4        | MT12-MA-PMBP4-               | 43.7(1.72)  | 11.2(0.44) | 6.4(0.25)  | 19.0(0.75) | 17.8(0.70) |
| 12                | 3/8        | MT12-MA-PMBP6-               | 44.5(1.75)  | 11.2(0.44) | 7.9(0.31)  | 22.0(0.87) | 21.6(0.85) |
| 12                | 1/2        | MT12-MA-PMBP8-               | 49.2(1.94)  | 14.2(0.56) | 9.1(0.36)  | 27.0(1.06) | 25.9(1.02) |
| 16                | 1/2        | MT16-MA-PMBP8-               | 50.8(2.00)  | 14.2(0.56) | 11.9(0.47) | 27.0(1.06) | 25.9(1.02) |
| 18                | 3/4        | MT18-MA-PMBP12-              | 53.2(2.09)  | 16.0(0.63) | 14.0(0.55) | 33.0(1.30) | 32.0(1.26) |
| 20                | 3/4        | MT20-MA-PMBP12-              | 54.0(2.13)  | 16.0(0.63) | 15.1(0.59) | 33.0(1.30) | 32.0(1.26) |
| 25                | 1          | MT25-MA-PMBP16-              | 65.1(2.56)  | 18.3(0.72) | 19.8(0.78) | 41.0(1.61) | 38.9(1.53) |
| 28                | 1          | MT28-MA-PMBP16-              | 72.7(2.86)  | 18.3(0.72) | 19.8(0.78) | 41.0(1.61) | 38.9(1.53) |
| 28                | 1 1/4      | MT28-MA-PMBP20- <sup>①</sup> | 77.3(3.04)  | 19.8(0.78) | 22.5(0.89) | 50.0(1.97) | 49.0(1.93) |
| 30                | 1 1/4      | MT30-MA-PMBP20- <sup>①</sup> | 80.8(3.18)  | 19.8(0.78) | 24.3(0.96) | 50.0(1.97) | 49.0(1.93) |
| 32                | 1 1/4      | MT32-MA-PMBP20- <sup>①</sup> | 82.1(3.23)  | 19.8(0.78) | 26.5(1.04) | 50.0(1.97) | 49.0(1.93) |
| 38                | 1 1/2      | MT38-MA-PMBP24- <sup>①</sup> | 94.5(3.72)  | 22.1(0.87) | 31.6(1.24) | 55.0(2.17) | 54.7(2.15) |

① 附有螺帽和預裝卡套

卡套管-陰螺紋直通



1 及以下



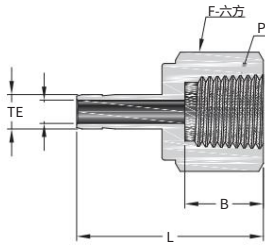
1 1/4 以上

| 英制卡套管-陰螺紋直通        |             |                  | NPT螺紋       |            |            |            |
|--------------------|-------------|------------------|-------------|------------|------------|------------|
| T-Tube 外徑<br>(in.) | P-NPT<br>尺寸 | 基本訂購資訊           | 尺寸, in.(mm) |            |            |            |
|                    |             |                  | L           | B          | E          | F          |
| 1/16               | 1/8         | FT1-FA-FNPT2-    | 1.07(27.2)  | 0.41(10.4) | 0.03(0.8)  | 0.56(14.3) |
| 1/8                | 1/8         | FT2-FA-FNPT2-    | 1.24(31.5)  | 0.41(10.4) | 0.08(2.0)  | 0.56(14.3) |
| 1/8                | 1/4         | FT2-FA-FNPT4-    | 1.39(35.3)  | 0.59(15.0) | 0.08(2.0)  | 0.75(19.1) |
| 3/16               | 1/8         | FT3-FA-FNPT2-    | 1.25(31.8)  | 0.41(10.4) | 0.11(2.9)  | 0.56(14.3) |
| 3/16               | 1/4         | FT3-FA-FNPT4-    | 1.41(35.8)  | 0.59(15.0) | 0.12(3.0)  | 0.75(19.1) |
| 1/4                | 1/8         | FT4-FA-FNPT2-    | 1.30(33.0)  | 0.41(10.4) | 0.17(4.3)  | 0.56(14.3) |
| 1/4                | 1/4         | FT4-FA-FNPT4-    | 1.46(37.1)  | 0.59(15.0) | 0.17(4.3)  | 0.75(19.1) |
| 1/4                | 3/8         | FT4-FA-FNPT6-    | 1.55(39.4)  | 0.59(15.0) | 0.17(4.3)  | 0.87(22.2) |
| 1/4                | 1/2         | FT4-FA-FNPT8-    | 1.79(45.5)  | 0.78(19.8) | 0.17(4.3)  | 1.06(27.0) |
| 5/16               | 1/8         | FT5-FA-FNPT2-    | 1.34(34.0)  | 0.41(10.4) | 0.22(5.6)  | 0.56(14.3) |
| 5/16               | 1/4         | FT5-FA-FNPT4-    | 1.48(37.6)  | 0.59(15.0) | 0.22(5.6)  | 0.75(19.1) |
| 5/16               | 3/8         | FT5-FA-FNPT6-    | 1.59(40.4)  | 0.59(15.0) | 0.22(5.6)  | 0.87(22.2) |
| 3/8                | 1/8         | FT6-FA-FNPT2-    | 1.35(34.3)  | 0.41(10.4) | 0.27(6.9)  | 0.56(14.3) |
| 3/8                | 1/4         | FT6-FA-FNPT4-    | 1.50(38.1)  | 0.59(15.0) | 0.27(6.9)  | 0.75(19.1) |
| 3/8                | 3/8         | FT6-FA-FNPT6-    | 1.59(40.4)  | 0.59(15.0) | 0.27(6.9)  | 0.87(22.2) |
| 3/8                | 1/2         | FT6-FA-FNPT8-    | 1.84(46.7)  | 0.78(19.8) | 0.27(6.9)  | 1.06(27.0) |
| 1/2                | 1/4         | FT8-FA-FNPT4-    | 1.71(43.4)  | 0.59(15.0) | 0.37(9.4)  | 0.75(19.1) |
| 1/2                | 3/8         | FT8-FA-FNPT6-    | 1.79(45.5)  | 0.59(15.0) | 0.37(9.4)  | 0.87(22.2) |
| 1/2                | 1/2         | FT8-FA-FNPT8-    | 2.04(51.8)  | 0.78(19.8) | 0.37(9.4)  | 1.06(27.0) |
| 5/8                | 3/8         | FT10-FA-FNPT6-   | 1.86(47.2)  | 0.59(15.0) | 0.47(11.9) | 0.87(22.2) |
| 5/8                | 1/2         | FT10-FA-FNPT8-   | 2.09(53.1)  | 0.78(19.8) | 0.47(11.9) | 1.06(27.0) |
| 3/4                | 1/2         | FT12-FA-FNPT8-   | 2.08(52.8)  | 0.78(19.8) | 0.58(14.7) | 1.06(27.0) |
| 3/4                | 3/4         | FT12-FA-FNPT12-  | 2.16(54.9)  | 0.81(20.6) | 0.58(14.7) | 1.31(33.3) |
| 3/4                | 1           | FT12-FA-FNPT16-  | 2.30(58.4)  | 1.00(25.4) | 0.58(14.7) | 1.63(41.3) |
| 7/8                | 3/4         | FT14-FA-FNPT12-  | 2.22(56.4)  | 0.81(20.6) | 0.58(14.7) | 1.31(33.3) |
| 1                  | 3/4         | FT16-FA-FNPT12-  | 2.39(60.7)  | 0.81(20.6) | 0.80(20.3) | 1.31(33.3) |
| 1                  | 1           | FT16-FA-FNPT16-  | 2.53(64.3)  | 1.00(25.4) | 0.80(20.3) | 1.63(41.3) |
| 1 1/4              | 1 1/4       | FT20-FA-FNPT20-① | 3.06(77.7)  | 1.00(25.4) | 1.02(25.9) | 2.13(54.0) |
| 1 1/2              | 1 1/2       | FT24-FA-FNPT24-① | 3.50(88.9)  | 1.09(27.7) | 1.25(31.8) | 2.37(60.3) |

① 附有螺帽和預裝卡套

| 英制卡套管-陰螺紋直通        |         |              | ISO錐形螺紋(RT) |            |           |            |
|--------------------|---------|--------------|-------------|------------|-----------|------------|
| T-Tube 外徑<br>(in.) | P-RT 尺寸 | 基本訂購資訊       | 尺寸, in.(mm) |            |           |            |
|                    |         |              | L           | B          | E         | F          |
| 1/4                | 1/8     | FT4-FA-FBT2- | 1.30(33.0)  | 0.41(10.4) | 0.17(4.3) | 0.56(14.3) |
| 1/4                | 1/4     | FT4-FA-FBT4- | 1.45(36.8)  | 0.59(15.0) | 0.17(4.3) | 0.75(19.1) |
| 3/8                | 1/4     | FT6-FA-FBT4- | 1.50(38.1)  | 0.59(15.0) | 0.27(6.9) | 0.75(19.1) |
| 3/8                | 3/8     | FT6-FA-FBT6- | 1.59(40.4)  | 0.59(15.0) | 0.27(6.9) | 0.87(22.2) |
| 1/2                | 1/4     | FT8-FA-FBT4- | 1.71(43.4)  | 0.59(15.0) | 0.37(9.4) | 0.75(19.1) |
| 1/2                | 3/8     | FT8-FA-FBT6- | 1.80(45.7)  | 0.59(15.0) | 0.37(9.4) | 0.87(22.2) |
| 1/2                | 1/2     | FT8-FA-FBT8- | 2.05(52.1)  | 0.78(19.8) | 0.37(9.4) | 1.06(27.0) |

卡套管-陰螺紋直通



公制卡套管-陰螺紋直通

NPT螺紋

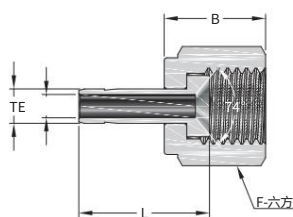
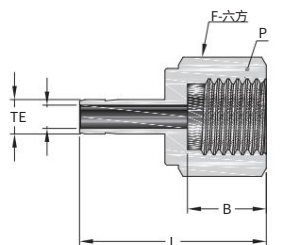
| T-Tube 外徑 (mm) | P-NPT 尺寸 | 基本訂購資訊          | 尺寸, mm(in.) |            |            |            |
|----------------|----------|-----------------|-------------|------------|------------|------------|
|                |          |                 | L           | B          | E          | F          |
| 3              | 1/8      | MT3-FA-FNPT2-   | 28.8(1.13)  | 10.4(0.41) | 1.3(0.05)  | 14.0(0.55) |
| 4              | 1/8      | MT4-FA-FNPT2-   | 33.3(1.31)  | 10.4(0.41) | 2.0(0.08)  | 14.0(0.55) |
| 6              | 1/8      | MT6-FA-FNPT2-   | 32.5(1.28)  | 10.4(0.41) | 4.1(0.16)  | 14.0(0.55) |
| 6              | 1/4      | MT6-FA-FNPT4-   | 37.1(1.46)  | 15.0(0.59) | 4.1(0.16)  | 19.0(0.75) |
| 8              | 1/8      | MT8-FA-FNPT2-   | 35.1(1.38)  | 10.4(0.41) | 6.4(0.25)  | 14.0(0.55) |
| 8              | 1/4      | MT8-FA-FNPT4-   | 37.6(1.48)  | 15.0(0.59) | 5.6(0.22)  | 19.0(0.75) |
| 8              | 3/8      | MT8-FA-FNPT6-   | 36.5(1.44)  | 15.0(0.59) | 6.4(0.25)  | 22.0(0.87) |
| 10             | 1/4      | MT10-FA-FNPT4-  | 38.1(1.50)  | 15.0(0.59) | 7.1(0.28)  | 19.0(0.75) |
| 10             | 3/8      | MT10-FA-FNPT6-  | 40.1(1.58)  | 15.0(0.59) | 7.1(0.28)  | 22.0(0.87) |
| 10             | 1/2      | MT10-FA-FNPT8-  | 46.5(1.83)  | 19.8(0.78) | 7.1(0.28)  | 27.0(1.06) |
| 12             | 1/4      | MT12-FA-FNPT4-  | 43.7(1.72)  | 15.0(0.59) | 8.8(0.35)  | 19.0(0.75) |
| 12             | 3/8      | MT12-FA-FNPT6-  | 42.9(1.69)  | 15.0(0.59) | 9.1(0.36)  | 22.0(0.87) |
| 12             | 1/2      | MT12-FA-FNPT8-  | 52.3(2.06)  | 19.8(0.78) | 8.8(0.35)  | 27.0(1.06) |
| 16             | 1/2      | MT16-FA-FNPT8-  | 49.2(1.94)  | 19.8(0.78) | 12.7(0.50) | 27.0(1.06) |
| 18             | 3/4      | MT18-FA-FNPT12- | 52.4(2.06)  | 20.6(0.81) | 14.0(0.55) | 32.0(1.26) |
| 20             | 1/2      | MT20-FA-FNPT8-  | 50.0(1.97)  | 19.8(0.78) | 15.0(0.59) | 27.0(1.06) |
| 20             | 3/4      | MT20-FA-FNPT12- | 53.2(2.09)  | 20.6(0.81) | 15.1(0.59) | 32.0(1.26) |
| 25             | 1        | MT25-FA-FNPT16- | 66.7(2.63)  | 25.4(1.00) | 19.8(0.78) | 41.0(1.61) |

公制卡套管-陰螺紋直通

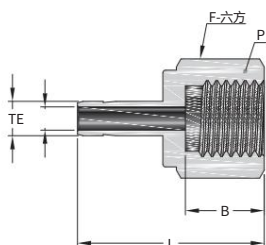
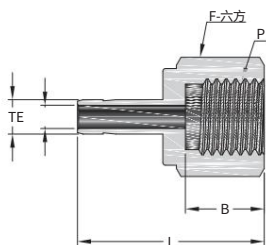
ISO錐形螺紋(BSPT)

| T-Tube 外徑 (mm) | P-BSPT 尺寸 | 基本訂購資訊         | 尺寸, mm(in.) |            |            |            |
|----------------|-----------|----------------|-------------|------------|------------|------------|
|                |           |                | L           | B          | E          | F          |
| 3              | 1/8       | MT3-FA-FBT2-   | 27.8(1.09)  | 10.4(0.41) | 1.8(0.07)  | 14.0(0.55) |
| 4              | 1/8       | MT4-FA-FBT2-   | 28.6(1.13)  | 10.4(0.41) | 2.0(0.08)  | 14.0(0.55) |
| 6              | 1/8       | MT6-FA-FBT2-   | 33.0(1.30)  | 10.4(0.41) | 4.1(0.16)  | 14.0(0.55) |
| 8              | 1/4       | MT8-FA-FBT4-   | 37.6(1.48)  | 15.0(0.59) | 5.6(0.22)  | 19.0(0.75) |
| 10             | 1/4       | MT10-FA-FBT4-  | 38.1(1.50)  | 15.0(0.59) | 7.1(0.28)  | 19.0(0.75) |
| 10             | 3/8       | MT10-FA-FBT6-  | 36.5(1.44)  | 15.0(0.59) | 7.5(0.30)  | 22.0(0.87) |
| 10             | 1/2       | MT10-FA-FBT8-  | 41.3(1.63)  | 19.8(0.78) | 7.5(0.30)  | 27.0(1.06) |
| 12             | 1/4       | MT12-FA-FBT4-  | 40.5(1.59)  | 15.0(0.59) | 9.1(0.36)  | 19.0(0.75) |
| 12             | 3/8       | MT12-FA-FBT6-  | 43.7(1.72)  | 15.0(0.59) | 9.1(0.36)  | 22.0(0.87) |
| 12             | 1/2       | MT12-FA-FBT8-  | 46.8(1.84)  | 19.8(0.78) | 9.1(0.36)  | 27.0(1.06) |
| 16             | 1/2       | MT16-FA-FBT8-  | 48.4(1.91)  | 19.8(0.78) | 12.7(0.50) | 27.0(1.06) |
| 18             | 3/4       | MT18-FA-FBT12- | 52.4(2.06)  | 20.6(0.81) | 14.0(0.55) | 32.0(1.26) |
| 20             | 3/4       | MT20-FA-FBT12- | 53.2(2.09)  | 20.6(0.81) | 15.1(0.59) | 32.0(1.26) |
| 25             | 1         | MT25-FA-FBT16- | 66.7(2.63)  | 25.4(1.00) | 19.8(0.78) | 41.0(1.61) |

## 卡套管-陰螺紋直通



## 卡套管-陰螺紋直通



英制卡套管-陰螺紋直通

ISO平行螺紋(BP)

| T-Tube 外徑<br>(in.) | P-BP<br>尺寸 | 基本訂購資訊       | 尺寸, in.(mm) |            |           |            |
|--------------------|------------|--------------|-------------|------------|-----------|------------|
|                    |            |              | L           | B          | E         | F          |
| 1/8                | 1/8        | FT2-FA-FBP2- | 1.17(29.7)  | 0.40(10.2) | 0.08(2.0) | 0.56(14.3) |
| 1/4                | 1/8        | FT4-FA-FBP2- | 1.25(31.8)  | 0.40(10.2) | 0.17(4.3) | 0.56(14.3) |
| 1/4                | 1/4        | FT4-FA-FBP4- | 1.50(38.1)  | 0.60(15.2) | 0.17(4.3) | 0.75(19.1) |
| 3/8                | 1/4        | FT6-FA-FBP4- | 1.55(39.4)  | 0.60(15.2) | 0.27(6.9) | 0.75(19.1) |
| 3/8                | 3/8        | FT6-FA-FBP6- | 1.57(39.9)  | 0.60(15.2) | 0.27(6.9) | 0.94(23.8) |
| 1/2                | 3/8        | FT8-FA-FBP6- | 1.78(45.2)  | 0.60(15.2) | 0.38(9.7) | 0.94(23.8) |
| 1/2                | 1/2        | FT8-FA-FBP8- | 1.95(49.5)  | 0.72(18.2) | 0.38(9.7) | 1.06(27.0) |

英制卡套管-陰螺紋直通

AN 螺紋

| T-Tube 外徑<br>(in.) | AN Tube<br>Flare<br>尺寸(in.) | 基本訂購資訊         | 尺寸, in.(mm) |            |            |            |
|--------------------|-----------------------------|----------------|-------------|------------|------------|------------|
|                    |                             |                | L           | B          | E          | F          |
| 1/8                | 1/8                         | FT2-FA-SAN2-   | 0.88(22.4)  | 0.55(14.0) | 0.09(2.4)  | 0.37(9.5)  |
| 1/8                | 1/4                         | FT2-FA-SAN4-   | 0.88(22.4)  | 0.62(15.8) | 0.09(2.4)  | 0.56(14.3) |
| 1/4                | 1/4                         | FT4-FA-SAN4-   | 0.96(24.4)  | 0.62(15.8) | 0.18(4.6)  | 0.56(14.3) |
| 3/8                | 3/8                         | FT6-FA-SAN6-   | 1.11(28.1)  | 0.73(18.5) | 0.28(7.1)  | 0.69(17.5) |
| 1/2                | 1/2                         | FT8-FA-SAN8-   | 1.42(36.1)  | 0.85(21.6) | 0.39(9.9)  | 0.87(22.2) |
| 3/4                | 3/4                         | FT12-FA-SAN12- | 1.49(37.8)  | 1.03(26.2) | 0.58(14.7) | 1.25(31.8) |

公制卡套管-陰螺紋直通

ISO平行螺紋(BG)

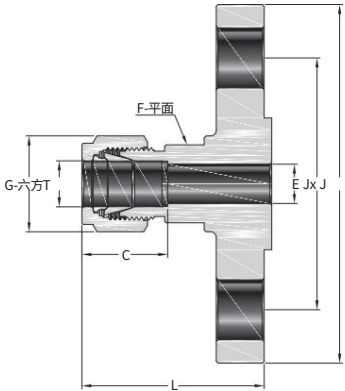
| T-Tube 外徑<br>(mm) | P-BG<br>尺寸 | 基本訂購資訊        | 尺寸, mm(in.) |            |           |            |
|-------------------|------------|---------------|-------------|------------|-----------|------------|
|                   |            |               | L           | B          | E         | F          |
| 3                 | 1/8        | MT3-FA-FBP2-  | 28.6(1.13)  | 6.5(0.26)  | 1.6(0.06) | 14.0(0.55) |
| 3                 | 1/4        | MT3-FA-FBP4-  | 33.5(1.32)  | 10.2(0.40) | 1.9(0.07) | 19.0(0.75) |
| 4                 | 1/8        | MT4-FA-FBP2-  | 29.4(1.16)  | 6.5(0.26)  | 2.0(0.08) | 14.0(0.55) |
| 6                 | 1/8        | MT6-FA-FBP2-  | 31.0(1.22)  | 6.5(0.26)  | 4.1(0.16) | 14.0(0.55) |
| 6                 | 1/4        | MT6-FA-FBP4-  | 35.3(1.39)  | 10.2(0.40) | 4.1(0.16) | 19.0(0.75) |
| 6                 | 3/8        | MT6-FA-FBP6-  | 38.4(1.51)  | 14.2(0.56) | 4.1(0.16) | 24.0(0.94) |
| 6                 | 1/2        | MT6-FA-FBP8-  | 42.9(1.69)  | 18.0(0.71) | 4.1(0.16) | 27.0(1.06) |
| 8                 | 1/4        | MT8-FA-FBP4-  | 33.0(1.30)  | 10.2(0.40) | 5.5(0.22) | 19.0(0.75) |
| 8                 | 3/8        | MT8-FA-FBP6-  | 38.9(1.53)  | 14.2(0.56) | 5.6(0.22) | 24.0(0.94) |
| 8                 | 1/2        | MT8-FA-FBP8-  | 43.7(1.72)  | 18.0(0.71) | 5.6(0.22) | 27.0(1.06) |
| 10                | 1/4        | MT10-FA-FBP4- | 34.5(1.36)  | 10.2(0.40) | 5.5(0.22) | 19.0(0.75) |
| 10                | 3/8        | MT10-FA-FBP6- | 36.6        | 14.        | 6.5(0.26) | 24.0(0.94) |
| 10                | 1/2        | MT10-FA-FBP8- | 41.1(1.62)  | 18.0(0.71) | 7.1(0.28) | 27.0(1.06) |
| 12                | 1/4        | MT12-FA-FBP4- | 41.1(1.62)  | 10.2(0.40) | 5.5(0.22) | 19.0(0.75) |
| 12                | 3/8        | MT12-FA-FBP6- | 44.7(1.76)  | 14.2(0.56) | 6.5(0.26) | 24.0(0.94) |
| 12                | 1/2        | MT12-FA-FBP8- | 48.8(1.92)  | 18.0(0.71) | 7.0(0.28) | 27.0(1.06) |
| 16                | 1/2        | MT16-FA-FBP8- | 49.0(1.93)  | 18.0(0.71) | 7.0(0.28) | 27.0(1.06) |
| 18                | 1/2        | MT18-FA-FBP8- | 49.3(1.94)  | 18.0(0.71) | 7.0(0.28) | 27.0(1.06) |

公制卡套管-陰螺紋直通

ISO平行螺紋(BG)

| T-Tube 外徑<br>(mm) | P-BG<br>尺寸 | 基本訂購資訊        | 尺寸, mm(in.) |            |           |            |
|-------------------|------------|---------------|-------------|------------|-----------|------------|
|                   |            |               | L           | B          | E         | F          |
| 6                 | 1/8        | MT6-FA-FBP2-  | 32.0(1.26)  | 10.2(0.40) | 4.1(0.16) | 14.0(0.55) |
| 6                 | 1/4        | MT6-FA-FBP4-  | 37.8(1.49)  | 15.2(0.60) | 4.1(0.16) | 19.0(0.75) |
| 12                | 1/2        | MT12-FA-FBP8- | 49.8(1.96)  | 18.8(0.74) | 8.8(0.35) | 27.0(1.06) |

雙卡套法蘭接頭



ASME 法蘭

| T-Tube ASME<br>外徑<br>(in.) | 法蘭<br>NPS | 等級  | 凸面法蘭的<br>基本訂購資訊  | 尺寸, mm |       |      |      |      |      |      |
|----------------------------|-----------|-----|------------------|--------|-------|------|------|------|------|------|
|                            |           |     |                  | L      | J     | Jx   | E    | C    | G    | F    |
| 1/4                        | 1/2       | 150 | F4-FLA-RF8150-   | 40.9   | 88.9  | 60.5 | 4.8  | 15.2 | 14.3 | 20.6 |
| 3/8                        | 1/2       | 300 | F6-FLA-RF8300-   | 45.5   | 95.3  | 66.5 | 7.1  | 16.8 | 17.5 | 20.6 |
| 1/2                        | 1/2       | 150 | F8-FLA-RF8150-   | 45.2   | 88.9  | 60.5 | 10.4 | 22.9 | 22.2 | 20.6 |
| 1/2                        | 1         | 150 | F8-FLA-RF16150-  | 48.3   | 108.0 | 79.2 | 10.4 | 22.9 | 22.2 | 20.6 |
| 1/2                        | 2         | 150 | F8-FLA-RF32150-  | 53.1   | 152.4 | 121  | 10.4 | 22.9 | 22.2 | 20.6 |
| 3/4                        | 1         | 150 | F12-FLA-RF16150- | 50.3   | 108.0 | 79.2 | 15.7 | 24.4 | 28.6 | 31.8 |
| 1                          | 1         | 150 | F16-FLA-RF16150- | 60.5   | 108.0 | 79.2 | 22.4 | 31.2 | 38.1 | 34.9 |

DIN/GB法蘭 ·壓力等級PN 40

| T-Tube 外<br>徑<br>(mm) | DIN<br>法蘭尺寸<br>DN | 凸面法蘭的<br>基本訂購資訊   | 尺寸, mm(in.) |             |             |            |            |            |            |
|-----------------------|-------------------|-------------------|-------------|-------------|-------------|------------|------------|------------|------------|
|                       |                   |                   | L           | J           | Jx          | E          | C          | G          | F          |
| 6                     | 25                | M6-FLA-RF2540B1-  | 47.5(1.87)  | 115.0(4.53) | 85.0(3.35)  | 4.8(0.19)  | 15.3(0.60) | 14.0(0.55) | 20.0(0.79) |
| 12                    | 15                | M12-FLA-RF1540B1- | 48.5(1.91)  | 95.0(3.74)  | 65.0(2.56)  | 9.5(0.37)  | 22.8(0.90) | 22.0(0.87) | 20.0(0.79) |
| 12                    | 25                | M12-FLA-RF2540B1- | 50.5(1.99)  | 115.0(4.53) | 85.0(3.35)  | 9.5(0.37)  | 22.8(0.90) | 22.0(0.87) | 20.0(0.79) |
| 12                    | 50                | M12-FLA-RF5040B1- | 55.3(2.18)  | 165.0(6.50) | 125.0(4.92) | 9.5(0.37)  | 22.8(0.90) | 22.0(0.87) | 20.0(0.79) |
| 18                    | 15                | M18-FLA-RF1540B1- | 51.8(2.04)  | 95.0(3.74)  | 65.0(2.56)  | 15.1(0.59) | 24.4(0.96) | 30.0(1.18) | 32.0(1.26) |
| 18                    | 25                | M18-FLA-RF2540B1- | 53.8(2.12)  | 115.0(4.53) | 85.0(3.35)  | 15.1(0.59) | 24.4(0.96) | 30.0(1.18) | 32.0(1.26) |
| 25                    | 25                | M25-FLA-RF2540B1- | 64.0(2.52)  | 115.0(4.53) | 85.0(3.35)  | 21.8(0.86) | 31.3(1.23) | 38.0(1.50) | 35.0(1.38) |

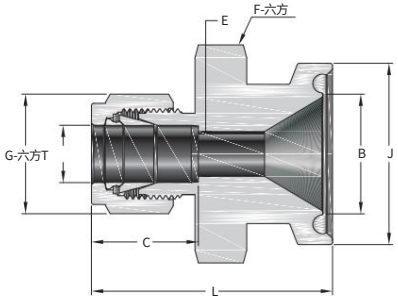
EN法蘭 ·壓力等級PN 40

| T-Tube 外<br>徑<br>(mm) | EN<br>法蘭尺寸<br>DN | 凸面法蘭的<br>基本訂購資訊    | 尺寸, mm(in.) |             |             |            |            |            |            |
|-----------------------|------------------|--------------------|-------------|-------------|-------------|------------|------------|------------|------------|
|                       |                  |                    | L           | J           | Jx          | E          | C          | G          | F          |
| 6                     | 25               | M6-FLA-RF25E40B1-  | 47.5(1.87)  | 115.0(4.53) | 85.0(3.35)  | 4.8(0.19)  | 15.3(0.60) | 14.0(0.55) | 20.0(0.79) |
| 12                    | 15               | M12-FLA-RF15E40B1- | 48.5(1.91)  | 95.0(3.74)  | 65.0(2.56)  | 9.5(0.37)  | 22.8(0.90) | 22.0(0.87) | 20.0(0.79) |
| 12                    | 25               | M12-FLA-RF25E40B1- | 50.5(1.99)  | 115.0(4.53) | 85.0(3.35)  | 9.5(0.37)  | 22.8(0.90) | 22.0(0.87) | 20.0(0.79) |
| 12                    | 50               | M12-FLA-RF50E40B1- | 55.3(2.18)  | 165.0(6.50) | 125.0(4.92) | 9.5(0.37)  | 22.8(0.90) | 22.0(0.87) | 20.0(0.79) |
| 18                    | 15               | M18-FLA-RF15E40B1- | 51.8(2.04)  | 95.0(3.74)  | 65.0(2.56)  | 15.1(0.59) | 24.4(0.96) | 30.0(1.18) | 32.0(1.26) |
| 18                    | 25               | M18-FLA-RF25E40B1- | 53.8(2.12)  | 115.0(4.53) | 85.0(3.35)  | 15.1(0.59) | 24.4(0.96) | 30.0(1.18) | 32.0(1.26) |
| 25                    | 25               | M25-FLA-RF25E40B1- | 64.0(2.52)  | 115.0(4.53) | 85.0(3.35)  | 21.8(0.86) | 31.3(1.23) | 38.0(1.50) | 35.0(1.38) |

JIS法蘭 ·壓力等級10K

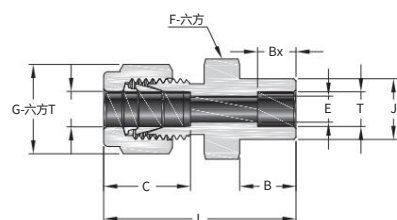
| T-Tube 外<br>徑<br>(mm) | JIS<br>法蘭尺寸<br>DN | 凸面法蘭的<br>基本訂購資訊  | 尺寸, in.(mm) |             |            |            |            |            |            |
|-----------------------|-------------------|------------------|-------------|-------------|------------|------------|------------|------------|------------|
|                       |                   |                  | L           | J           | Jx         | E          | C          | G          | F          |
| 1/4                   | 15                | F4-FLA-RF1510K-  | 1.66(42.2)  | 3.74(95.0)  | 2.76(70.1) | 0.19(4.8)  | 0.60(15.2) | 0.56(14.3) | 0.81(20.6) |
| 3/8                   | 15                | F6-FLA-RF1510K-  | 1.72(43.7)  | 3.74(95.0)  | 2.76(70.1) | 0.28(7.1)  | 0.66(16.8) | 0.69(17.5) | 0.81(20.6) |
| 1/2                   | 15                | F8-FLA-RF1510K-  | 1.83(46.5)  | 3.74(95.0)  | 2.76(70.1) | 0.41(10.4) | 0.90(22.9) | 0.87(22.2) | 0.81(20.6) |
| 3/4                   | 15                | F12-FLA-RF1510K- | 1.91(48.5)  | 3.74(95.0)  | 2.76(70.1) | 0.62(15.7) | 0.96(24.4) | 1.13(28.6) | 1.25(31.8) |
| 1                     | 25                | F16-FLA-RF2510K- | 2.40(61.0)  | 4.92(125.0) | 3.54(89.9) | 0.88(22.4) | 1.23(31.2) | 1.50(38.1) | 1.37(34.9) |
| 12mm                  | 15                | M12-FLA-RF1510K- | 1.83(46.5)  | 3.74(95.0)  | 2.76(70.0) | 0.37(9.5)  | 0.90(22.8) | 0.87(22.0) | 0.79(20.0) |
| 18mm                  | 15                | M18-FLA-RF1510K- | 1.91(48.5)  | 3.74(95.0)  | 2.76(70.0) | 0.59(15.1) | 0.96(24.4) | 1.18(30.0) | 1.26(32.0) |
| 25mm                  | 25                | M25-FLA-RF2510K- | 2.40(61.0)  | 4.92(125.0) | 3.54(90.0) | 0.86(21.8) | 1.23(31.3) | 1.50(38.0) | 1.38(35.0) |

雙卡套衛生法蘭接頭



| T-Tube 外<br>徑<br>(in.) | 法蘭<br>尺寸<br>(in.) | 基本訂購資訊        | 尺寸, in.(mm) |             |            |            |            |            |            |
|------------------------|-------------------|---------------|-------------|-------------|------------|------------|------------|------------|------------|
|                        |                   |               | L           | B           | C          | E          | F          | J          | G          |
| 1/4                    | 1/2               | F4-SFF-SF8-   | 1.57(39.9)  | 0.37(9.4)   | 0.60(15.2) | 0.19(4.8)  | 1.00(25.4) | 0.98(24.9) | 0.98(24.9) |
| 1/4                    | 3/4               | F4-SFF-SF12-  | 1.57(39.9)  | 0.62(15.7)  | 0.60(15.2) | 0.19(4.8)  | 1.00(25.4) | 0.98(24.9) | 0.98(24.9) |
| 1/4                    | 1                 | F4-SFF-SF16-  | 1.57(39.9)  | 0.87(22.1)  | 0.60(15.2) | 0.19(4.8)  | 1.37(34.9) | 1.98(50.3) | 1.98(50.3) |
| 1/4                    | 1 1/2             | F4-SFF-SF24-  | 1.57(39.9)  | 1.37(34.8)  | 0.60(15.2) | 0.19(4.8)  | 1.37(34.9) | 1.98(50.3) | 1.98(50.3) |
| 3/8                    | 1/2               | F6-SFF-SF8-   | 1.63(41.4)  | 0.30(7.9.4) | 0.66(16.8) | 0.28(7.1)  | 1.00(25.4) | 0.98(24.9) | 0.98(24.9) |
| 3/8                    | 3/4               | F6-SFF-SF12-  | 1.63(41.4)  | 0.62(15.7)  | 0.66(16.8) | 0.28(7.1)  | 1.00(25.4) | 0.98(24.9) | 0.98(24.9) |
| 3/8                    | 1                 | F6-SFF-SF16-  | 1.63(41.4)  | 0.87(22.1)  | 0.66(16.8) | 0.28(7.1)  | 1.37(34.9) | 1.98(50.3) | 1.98(50.3) |
| 3/8                    | 1 1/2             | F6-SFF-SF24-  | 1.63(41.4)  | 1.37(34.8)  | 0.66(16.8) | 0.28(7.1)  | 1.37(34.9) | 1.98(50.3) | 1.98(50.3) |
| 1/2                    | 1/2               | F8-SFF-SF8-   | 1.74(44.2)  | 0.30(7.9.4) | 0.90(22.9) | 0.37(9.4)  | 1.00(25.4) | 0.98(24.9) | 0.98(24.9) |
| 1/2                    | 3/4               | F8-SFF-SF12-  | 1.74(44.2)  | 0.62(15.7)  | 0.90(22.9) | 0.41(10.4) | 1.00(25.4) | 0.98(24.9) | 0.98(24.9) |
| 1/2                    | 1                 | F8-SFF-SF16-  | 1.74(44.2)  | 0.87(22.1)  | 0.90(22.9) | 0.41(10.4) | 1.37(34.9) | 1.98(50.3) | 1.98(50.3) |
| 1/2                    | 1 1/2             | F8-SFF-SF24-  | 1.74(44.2)  | 1.37(34.8)  | 0.90(22.9) | 0.41(10.4) | 1.37(34.9) | 1.98(50.3) | 1.98(50.3) |
| 1                      | 1                 | F16-SFF-SF16- | 1.91(48.5)  | 0.87(22.1)  | 1.23(31.2) | 0.87(22.1) | 1.37(34.9) | 1.98(50.3) | 1.98(50.3) |
| 1                      | 2                 | F16-SFF-SF32- | 2.49(63.2)  | 1.37(34.8)  | 1.23(31.2) | 0.88(22.4) | 2.75(69.9) | 2.52(64.0) | 2.52(64.0) |

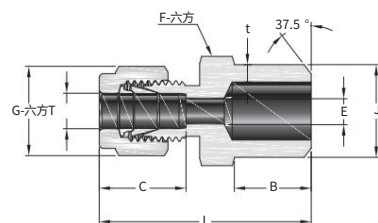
## 雙卡套焊接直通



英制雙卡套焊接直通

卡套管承插焊

| T-Tube 外徑(in.) | 基本訂購資訊        | 尺寸, mm |      |      |      |      |      |      |      |
|----------------|---------------|--------|------|------|------|------|------|------|------|
|                |               | L      | CG   |      | F    | B    | E    | Bx   | J    |
| 1/8            | F2-WC-FSW2-   | 29.0   | 12.7 | 11.1 | 11.1 | 8.6  | 2.3  | 2.5  | 7.9  |
| 3/16           | F3-WC-FSW3-   | 29.7   | 13.7 | 12.7 | 11.1 | 9.5  | 3.3  | 4.8  | 10.7 |
| 1/4            | F4-WC-FSW4-   | 33.5   | 15.2 | 14.3 | 12.7 | 10.4 | 4.8  | 7.1  | 11.2 |
| 3/8            | F6-WC-FSW6-   | 37.6   | 16.8 | 17.5 | 15.9 | 11.9 | 7.1  | 7.9  | 15.7 |
| 1/2            | F8-WC-FSW8-   | 41.1   | 22.9 | 22.2 | 20.6 | 11.9 | 10.4 | 9.7  | 19.1 |
| 5/8            | F10-WC-FSW10- | 41.9   | 24.4 | 25.4 | 23.8 | 11.9 | 12.7 | 10.4 | 23.4 |
| 3/4            | F12-WC-FSW12- | 43.4   | 24.4 | 28.6 | 27.0 | 11.9 | 15.7 | 11.1 | 26.7 |
| 1              | F16-WC-FSW16- | 52.6   | 31.2 | 38.1 | 34.9 | 14.2 | 22.4 | 15.7 | 33.3 |

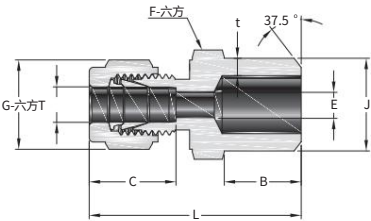


英制雙卡套焊接直通

Pipe管對焊

| T-Tube 外徑(in.) | Pipe Weld 尺寸 | 基本訂購資訊        | 尺寸, mm |      |      |      |      |      |      |     |
|----------------|--------------|---------------|--------|------|------|------|------|------|------|-----|
|                |              |               | LCGF   |      |      |      | E    | B    | J    | t   |
| 1/8            | 1/8          | F2-WC-PBW2-   | 30.5   | 12.7 | 11.1 | 11.1 | 2.3  | 9.7  | 10.3 | 2.4 |
| 3/16           | 1/8          | F3-WC-PBW2-   | 31.2   | 13.7 | 12.7 | 11.1 | 3.0  | 9.7  | 10.3 | 2.4 |
| 1/4            | 1/8          | F4-WC-PBW2-   | 32.8   | 15.2 | 14.3 | 12.7 | 4.8  | 9.7  | 10.3 | 2.4 |
| 1/4            | 1/4          | F4-WC-PBW4-   | 37.8   | 15.2 | 14.3 | 14.3 | 4.8  | 14.2 | 13.7 | 3.0 |
| 5/16           | 1/8          | F5-WC-PBW2-   | 34.0   | 16.3 | 15.9 | 14.3 | 5.3  | 9.7  | 10.3 | 2.4 |
| 5/16           | 1/4          | F5-WC-PBW4-   | 38.6   | 16.3 | 15.9 | 14.3 | 6.4  | 14.2 | 13.7 | 3.0 |
| 3/8            | 1/4          | F6-WC-PBW4-   | 39.9   | 16.8 | 17.5 | 15.9 | 7.1  | 14.2 | 13.7 | 3.0 |
| 3/8            | 3/8          | F6-WC-PBW6-   | 39.9   | 16.8 | 17.5 | 17.5 | 7.1  | 14.2 | 17.1 | 3.2 |
| 3/8            | 1/2          | F6-WC-PBW8-   | 46.2   | 16.8 | 17.5 | 22.2 | 7.1  | 19.1 | 21.3 | 3.7 |
| 3/8            | 3/4          | F6-WC-PBW12-  | 47.8   | 16.8 | 17.5 | 27.0 | 7.1  | 19.1 | 26.7 | 3.9 |
| 1/2            | 3/8          | F8-WC-PBW6-   | 43.4   | 22.9 | 22.2 | 20.6 | 10.4 | 14.2 | 17.1 | 3.2 |
| 1/2            | 1/2          | F8-WC-PBW8-   | 49.0   | 22.9 | 22.2 | 22.2 | 10.4 | 19.1 | 21.3 | 3.7 |
| 1/2            | 3/4          | F8-WC-PBW12-  | 50.5   | 22.9 | 22.2 | 27.0 | 10.4 | 19.1 | 26.7 | 3.9 |
| 5/8            | 1/2          | F10-WC-PBW8-  | 49.0   | 24.4 | 25.4 | 23.8 | 12.7 | 19.1 | 21.3 | 3.7 |
| 3/4            | 1/2          | F12-WC-PBW8-  | 50.5   | 24.4 | 28.6 | 27.0 | 14.0 | 19.1 | 21.3 | 3.7 |
| 3/4            | 3/4          | F12-WC-PBW12- | 50.5   | 24.4 | 28.6 | 27.0 | 15.7 | 19.1 | 26.7 | 3.9 |
| 1              | 1            | F16-WC-PBW16- | 62.2   | 31.2 | 38.1 | 34.9 | 22.4 | 23.9 | 33.4 | 4.5 |
| 1 1/4          | 1 1/4        | F20-WC-PBW20- | 77.2   | 41.1 | 47.6 | 44.5 | 27.7 | 23.9 | 42.2 | 4.9 |
| 1 1/2          | 1 1/2        | F24-WC-PBW24- | 88.9   | 50.0 | 57.2 | 54.0 | 34.0 | 26.2 | 48.3 | 5.1 |

雙卡套焊接直通

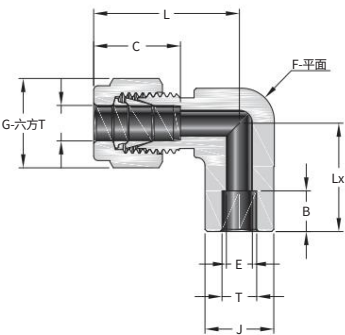


公制雙卡套焊接直通

Pipe管對焊

| T-Tube 外徑 (mm) | Pipe Weld 尺寸 | 基本訂購資訊        | 尺寸, mm |      |    |    |      |      |     |
|----------------|--------------|---------------|--------|------|----|----|------|------|-----|
|                |              |               | L      | C    | G  | F  | E    | B    | t   |
| 3              | 1/8          | M3-WC-PBW2-   | 30.5   | 12.9 | 12 | 12 | 2.4  | 9.7  | 2.4 |
| 4              | 1/8          | M4-WC-PBW2-   | 31.5   | 13.7 | 12 | 12 | 2.4  | 9.7  | 2.4 |
| 6              | 1/8          | M6-WC-PBW2-   | 32.8   | 15.3 | 14 | 14 | 4.8  | 9.7  | 2.4 |
| 6              | 1/4          | M6-WC-PBW4-   | 37.9   | 15.3 | 14 | 14 | 4.8  | 14.2 | 3.0 |
| 8              | 1/8          | M8-WC-PBW2-   | 34.2   | 16.2 | 16 | 15 | 5.4  | 9.7  | 2.4 |
| 8              | 1/4          | M8-WC-PBW4-   | 38.7   | 16.2 | 16 | 15 | 6.4  | 14.2 | 3.0 |
| 8              | 1/2          | M8-WC-PBW8-   | 45.6   | 16.2 | 16 | 22 | 6.4  | 19.1 | 3.7 |
| 10             | 1/4          | M10-WC-PBW4-  | 40.9   | 17.2 | 19 | 18 | 7.5  | 14.2 | 3.0 |
| 10             | 3/8          | M10-WC-PBW6-  | 40.9   | 17.2 | 19 | 18 | 7.9  | 14.2 | 3.2 |
| 10             | 1/2          | M10-WC-PBW8-  | 46.5   | 17.2 | 19 | 22 | 7.9  | 19.1 | 3.7 |
| 12             | 1/4          | M12-WC-PBW4-  | 43.4   | 22.8 | 22 | 22 | 7.5  | 14.2 | 3.0 |
| 12             | 3/8          | M12-WC-PBW6-  | 43.4   | 22.8 | 22 | 22 | 9.5  | 14.2 | 3.2 |
| 12             | 1/2          | M12-WC-PBW8-  | 49.0   | 22.8 | 22 | 22 | 9.5  | 19.1 | 3.7 |
| 14             | 3/8          | M14-WC-PBW6-  | 44.1   | 24.4 | 25 | 24 | 10.7 | 14.2 | 3.2 |
| 15             | 1/2          | M15-WC-PBW8-  | 49.0   | 24.4 | 25 | 24 | 11.9 | 19.1 | 3.7 |
| 16             | 1/2          | M16-WC-PBW8-  | 49.0   | 24.4 | 25 | 24 | 12.7 | 19.1 | 3.7 |
| 18             | 1/2          | M18-WC-PBW8-  | 50.5   | 24.4 | 30 | 27 | 13.9 | 19.1 | 3.7 |
| 30             | 1 1/4        | M30-WC-PBW20- | 77.2   | 39.6 | 50 | 46 | 26.2 | 23.9 | 4.9 |
| 32             | 1 1/4        | M32-WC-PBW20- | 79.6   | 42.0 | 50 | 46 | 28.6 | 23.9 | 4.9 |
| 38             | 1 1/2        | M38-WC-PBW24- | 91.6   | 49.4 | 60 | 55 | 33.7 | 26.2 | 5.1 |

雙卡套焊接彎頭

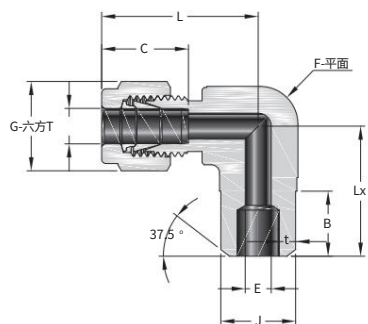


英制雙卡套焊接彎頭

卡套管承插焊

| T-Tube 外徑 (in.) | 基本訂購資訊        | 尺寸, mm |      |      |      |      |      |      |      |
|-----------------|---------------|--------|------|------|------|------|------|------|------|
|                 |               | L      | C    | G    | F    | B    | E    | Lx   | J    |
| 1/8             | F2-WE-FSW2-   | 16.8   | 12.7 | 11.1 | 9.5  | 2.5  | 2.3  | 16.0 | 9.7  |
| 3/16            | F3-WE-FSW3-   | 18.3   | 13.7 | 12.7 | 11.1 | 4.8  | 3.3  | 17.5 | 11.2 |
| 1/4             | F4-WE-FSW4-   | 26.9   | 15.2 | 14.3 | 12.7 | 7.1  | 4.8  | 19.6 | 12.7 |
| 3/8             | F6-WE-FSW6-   | 30.5   | 16.8 | 17.5 | 15.9 | 7.9  | 7.1  | 23.1 | 15.7 |
| 1/2             | F8-WE-FSW8-   | 36.1   | 22.9 | 22.2 | 20.6 | 9.7  | 10.4 | 25.9 | 20.6 |
| 5/8             | F10-WE-FSW10- | 29.5   | 24.4 | 25.4 | 27.0 | 10.4 | 12.7 | 29.5 | 23.9 |
| 3/4             | F12-WE-FSW12- | 39.9   | 24.4 | 28.6 | 27.0 | 11.2 | 15.7 | 29.7 | 26.9 |
| 1               | F16-WE-FSW16- | 49.0   | 31.2 | 38.1 | 34.9 | 15.7 | 22.4 | 36.8 | 35.1 |

## 雙卡套焊接彎頭

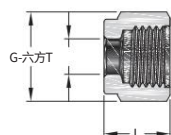


英制雙卡套焊接彎頭

Pipe管對焊

| T-Tube 外徑(in.) | Pipe Weld 尺寸 | 基本訂購資訊        | 尺寸, mm |      |      |      |      |      |      |      |
|----------------|--------------|---------------|--------|------|------|------|------|------|------|------|
|                |              |               | L      | C    | G    | F    | B    | E    | Lx   | J    |
| 1/8            | 1/8          | F2-WE-PBW2-   | 23.4   | 12.7 | 11.1 | 11.1 | 9.7  | 2.3  | 18.3 | 10.3 |
| 3/16           | 1/8          | F3-WE-PBW2-   | 25.7   | 13.7 | 12.7 | 12.7 | 9.7  | 3.3  | 18.8 | 10.3 |
| 1/4            | 1/8          | F4-WE-PBW2-   | 26.9   | 15.2 | 14.3 | 12.7 | 9.7  | 4.8  | 18.8 | 10.3 |
| 1/4            | 1/4          | F4-WE-PBW4-   | 26.9   | 15.2 | 14.3 | 12.7 | 14.2 | 4.8  | 23.4 | 13.7 |
| 3/8            | 1/4          | F6-WE-PBW4-   | 30.5   | 16.8 | 17.5 | 15.9 | 14.2 | 7.1  | 25.4 | 13.7 |
| 1/2            | 3/8          | F8-WE-PBW6-   | 34.8   | 22.9 | 22.2 | 19.1 | 14.2 | 10.4 | 28.8 | 17.2 |
| 1/2            | 1/2          | F8-WE-PBW8-   | 36.1   | 22.9 | 22.2 | 20.6 | 19.1 | 10.4 | 33.0 | 21.3 |
| 5/8            | 1/2          | F10-WE-PBW8-  | 36.3   | 24.4 | 25.4 | 23.8 | 19.1 | 12.7 | 35.1 | 21.3 |
| 3/4            | 3/4          | F12-WE-PBW12- | 39.9   | 24.4 | 28.6 | 27.0 | 19.1 | 15.7 | 36.8 | 26.7 |
| 1              | 3/4          | F16-WE-PBW12- | 49.3   | 31.2 | 38.1 | 34.9 | 19.1 | 22.4 | 41.9 | 26.7 |
| 1              | 1            | F16-WE-PBW16- | 49.3   | 31.2 | 38.1 | 34.9 | 20.6 | 22.4 | 46.7 | 33.4 |

## 螺帽



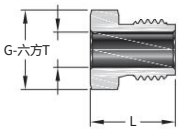
英制螺母

| T-Tube 外徑(in.) | 基本訂購資訊 | 尺寸, in.(mm) |            |
|----------------|--------|-------------|------------|
|                |        | L           | G          |
| 1/16           | N-F1-  | 0.31(7.9)   | 0.31(7.9)  |
| 1/8            | N-F2-  | 0.47(11.9)  | 0.44(11.1) |
| 3/16           | N-F3-  | 0.47(11.9)  | 0.50(12.7) |
| 1/4            | N-F4-  | 0.50(12.7)  | 0.56(14.3) |
| 5/16           | N-F5-  | 0.53(13.5)  | 0.63(15.9) |
| 3/8            | N-F6-  | 0.56(14.2)  | 0.69(17.5) |
| 1/2            | N-F8-  | 0.69(17.5)  | 0.87(22.2) |
| 5/8            | N-F10- | 0.69(17.5)  | 1.00(25.4) |
| 3/4            | N-F12- | 0.69(17.5)  | 1.13(28.6) |
| 7/8            | N-F14- | 0.69(17.5)  | 1.25(31.8) |
| 1              | N-F16- | 0.81(20.6)  | 1.50(38.1) |
| 1 1/8          | N-F18- | 1.21(30.8)  | 1.81(46.0) |
| 1 1/4          | N-F20- | 1.25(31.8)  | 1.87(47.6) |
| 1 1/2          | N-F24- | 1.50(38.1)  | 2.25(57.2) |

公制螺帽

| T-Tube 外徑(mm) | 基本訂購資訊 | 尺寸, mm(in.) |            |
|---------------|--------|-------------|------------|
|               |        | L           | G          |
| 2             | N-M2-  | 11.9(0.47)  | 12.0(0.47) |
| 3             | N-M3-  | 11.9(0.47)  | 12.0(0.47) |
| 4             | N-M4-  | 11.9(0.47)  | 12.0(0.47) |
| 6             | N-M6-  | 12.7(0.50)  | 14.0(0.55) |
| 8             | N-M8-  | 13.5(0.53)  | 16.0(0.63) |
| 10            | N-M10- | 15.1(0.59)  | 19.0(0.75) |
| 12            | N-M12- | 17.4(0.69)  | 22.0(0.87) |
| 14            | N-M14- | 17.4(0.69)  | 25.0(0.98) |
| 15            | N-M15- | 17.4(0.69)  | 25.0(0.98) |
| 16            | N-M16- | 17.4(0.69)  | 25.0(0.98) |
| 18            | N-M18- | 17.4(0.69)  | 30.0(1.18) |
| 20            | N-M20- | 17.4(0.69)  | 32.0(1.26) |
| 22            | N-M22- | 17.4(0.69)  | 32.0(1.26) |
| 25            | N-M25- | 20.6(0.81)  | 38.0(1.50) |
| 28            | N-M28- | 30.6(1.20)  | 46.0(1.81) |
| 30            | N-M30- | 32.7(1.29)  | 50.0(1.97) |
| 32            | N-M32- | 34.4(1.35)  | 50.0(1.97) |
| 38            | N-M38- | 40.6(1.60)  | 60.0(2.36) |

公螺帽



英制公螺母

| T-Tube 外徑(in.) | 基本訂購資訊 | 尺寸, in.(mm) |            |
|----------------|--------|-------------|------------|
|                |        | L           | G          |
| 1/16           | MN-F1- | 0.38(9.7)   | 0.25(6.4)  |
| 1/8            | MN-F2- | 0.53(13.5)  | 0.37(9.5)  |
| 1/4            | MN-F4- | 0.62(15.7)  | 0.50(12.7) |
| 1/2            | MN-F8- | 0.87(22.1)  | 0.94(23.8) |

公制公螺母

| T-Tube 外徑(mm) | 基本訂購資訊  | 尺寸, mm(in.) |            |
|---------------|---------|-------------|------------|
|               |         | L           | G          |
| 3             | MN-M3-  | 13.5(0.53)  | 10.0(0.39) |
| 6             | MN-M6-  | 15.7(0.62)  | 14.0(0.55) |
| 10            | MN-M10- | 22.1(0.87)  | 22.0(0.87) |
| 12            | MN-M12- | 22.1(0.87)  | 24.0(0.94) |

前卡套



英制前卡套

| T-Tube 外徑(in.) | 基本訂購資訊 |
|----------------|--------|
| 1/16           | FF-F1  |
| 1/8            | FF-F2  |
| 3/16           | FF-F3  |
| 1/4            | FF-F4  |
| 5/16           | FF-F5  |
| 3/8            | FF-F6  |
| 1/2            | FF-F8  |
| 5/8            | FF-F10 |
| 3/4            | FF-F12 |
| 7/8            | FF-F14 |
| 1              | FF-F16 |
| 1 1/8          | FF-F18 |
| 1 1/4          | FF-F20 |
| 1 1/2          | FF-F24 |

公制前卡套

| T-Tube 外徑(mm) | 基本訂購資訊 |
|---------------|--------|
| 2             | FF-M2  |
| 3             | FF-M3  |
| 4             | FF-M4  |
| 6             | FF-M6  |
| 8             | FF-M8  |
| 10            | FF-M10 |
| 12            | FF-M12 |
| 14            | FF-M14 |
| 15            | FF-M15 |
| 16            | FF-M16 |
| 18            | FF-M18 |
| 20            | FF-M20 |
| 22            | FF-M22 |
| 25            | FF-M25 |
| 28            | FF-M28 |
| 30            | FF-M30 |
| 32            | FF-M32 |
| 38            | FF-M38 |

後卡套



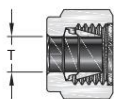
英制後卡套

| T-Tube 外徑(in.) | 基本訂購資訊 |
|----------------|--------|
| 1/16           | RF-F1  |
| 1/8            | RF-F2  |
| 3/16           | RF-F3  |
| 1/4            | RF-F4  |
| 5/16           | RF-F5  |
| 3/8            | RF-F6  |
| 1/2            | RF-F8  |
| 5/8            | RF-F10 |
| 3/4            | RF-F12 |
| 7/8            | RF-F14 |
| 1              | RF-F16 |
| 1 1/8          | RF-F18 |
| 1 1/4          | RF-F20 |
| 1 1/2          | RF-F24 |

公制後卡套

| T-Tube 外徑(mm) | 基本訂購資訊 |
|---------------|--------|
| 2             | RF-M2  |
| 3             | RF-M3  |
| 4             | RF-M4  |
| 6             | RF-M6  |
| 8             | RF-M8  |
| 10            | RF-M10 |
| 12            | RF-M12 |
| 14            | RF-M14 |
| 15            | RF-M15 |
| 16            | RF-M16 |
| 18            | RF-M18 |
| 20            | RF-M20 |
| 22            | RF-M22 |
| 25            | RF-M25 |
| 28            | RF-M28 |
| 30            | RF-M30 |
| 32            | RF-M32 |
| 38            | RF-M38 |

## 卡片套螺母組



英制卡套螺母組

| T-Tube 外徑(in.) | 基本訂購資訊  |
|----------------|---------|
| 1/16           | NFR-F1  |
| 1/8            | NFR-F2  |
| 3/16           | NFR-F3  |
| 1/4            | NFR-F4  |
| 5/16           | NFR-F5  |
| 3/8            | NFR-F6  |
| 1/2            | NFR-F8  |
| 5/8            | NFR-F10 |
| 3/4            | NFR-F12 |
| 7/8            | NFR-F14 |
| 1              | NFR-F16 |
| 1 1/8          | NFR-F18 |
| 1 1/4          | NFR-F20 |
| 1 1/2          | NFR-F24 |

公制卡套螺帽組

| T-Tube 外徑(mm) | 基本訂購資訊  |
|---------------|---------|
| 2             | NFR-M2  |
| 3             | NFR-M3  |
| 4             | NFR-M4  |
| 6             | NFR-M6  |
| 8             | NFR-M8  |
| 10            | NFR-M10 |
| 12            | NFR-M12 |
| 14            | NFR-M14 |
| 15            | NFR-M15 |
| 16            | NFR-M16 |
| 18            | NFR-M18 |
| 20            | NFR-M20 |
| 22            | NFR-M22 |
| 25            | NFR-M25 |
| 28            | NFR-M28 |
| 30            | NFR-M30 |
| 32            | NFR-M32 |
| 38            | NFR-M38 |

## 螺帽-卡套組件



v每個螺帽卡套組件包含5個螺帽、5個前卡套和5個後卡套。

英制

| T-Tube 外徑(in.) | 基本訂購資訊   |
|----------------|----------|
| 1/16           | NFS-F1-  |
| 1/8            | NFS-F2-  |
| 3/16           | NFS-F3-  |
| 1/4            | NFS-F4-  |
| 5/16           | NFS-F5-  |
| 3/8            | NFS-F6-  |
| 1/2            | NFS-F8-  |
| 5/8            | NFS-F10- |
| 3/4            | NFS-F12- |

公制

| T-Tube 外徑(mm) | 基本訂購資訊   |
|---------------|----------|
| 2             | NFS-M2-  |
| 3             | NFS-M3-  |
| 4             | NFS-M4-  |
| 6             | NFS-M6-  |
| 8             | NFS-M8-  |
| 10            | NFS-M10- |
| 12            | NFS-M12- |
| 14            | NFS-M14- |
| 15            | NFS-M15- |
| 16            | NFS-M16- |
| 18            | NFS-M18- |

卡套組件



√每個卡套組件包含10個前卡套和10個後卡套。

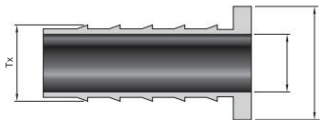
英制

| T-Tube 外徑(in.) | 基本訂購資訊   |
|----------------|----------|
| 1/16           | FRS-F1-  |
| 1/8            | FRS-F2-  |
| 3/16           | FRS-F3-  |
| 1/4            | FRS-F4-  |
| 5/16           | FRS-F5-  |
| 3/8            | FRS-F6-  |
| 1/2            | FRS-F8-  |
| 5/8            | FRS-F10- |
| 3/4            | FRS-F12- |

公制

| T-Tube 外徑(mm) | 基本訂購資訊   |
|---------------|----------|
| 2             | FRS-M2-  |
| 3             | FRS-M3-  |
| 4             | FRS-M4-  |
| 6             | FRS-M6-  |
| 8             | FRS-M8-  |
| 10            | FRS-M10- |
| 12            | FRS-M12- |
| 14            | FRS-M14- |
| 15            | FRS-M15- |
| 16            | FRS-M16- |
| 18            | FRS-M18- |

軟塑膠卡套管插件



英制

| T-Tube 外徑(in.) | Tx-Tube 內徑(in.) | 基本訂購資訊      | E in. (mm) |
|----------------|-----------------|-------------|------------|
| 3/16           | 1/8             | ISPF-3-2-   | 0.09(2.3)  |
| 1/4            | 1/8             | ISPF-4-2-   | 0.09(2.3)  |
| 1/4            | 0.17            | ISPF-4-017- | 0.11(2.8)  |
| 1/4            | 3/16            | ISPF-4-3-   | 0.14(3.5)  |
| 5/16           | 1/8             | ISPF-5-2-   | 0.09(2.3)  |
| 5/16           | 3/16            | ISPF-5-3-   | 0.12(3.0)  |
| 5/16           | 1/4             | ISPF-5-4-   | 0.19(4.8)  |
| 3/8            | 3/16            | ISPF-6-3-   | 0.12(3.0)  |
| 3/8            | 1/4             | ISPF-6-4-   | 0.19(4.8)  |
| 1/2            | 1/4             | ISPF-8-4-   | 0.19(4.8)  |
| 1/2            | 3/8             | ISPF-8-6-   | 0.31(7.9)  |
| 5/8            | 3/8             | ISPF-10-6-  | 0.31(7.9)  |
| 5/8            | 1/2             | ISPF-10-8-  | 0.44(11.1) |
| 3/4            | 1/2             | ISPF-12-8-  | 0.44(11.1) |
| 3/4            | 5/8             | ISPF-12-10- | 0.56(14.2) |
| 1              | 3/4             | ISPF-16-12- | 0.69(17.5) |

公制

| T-Tube 外徑(mm) | Tx-Tube 內徑(mm) | 基本訂購資訊      | E mm (in.) |
|---------------|----------------|-------------|------------|
| 6             | 4              | ISPM-6-4-   | 2.8(0.11)  |
| 8             | 6              | ISPM-8-6-   | 4.4(0.17)  |
| 10            | 8              | ISPM-10-8-  | 6.4(0.25)  |
| 12            | 8              | ISPM-12-8-  | 6.4(0.25)  |
| 12            | 10             | ISPM-12-10- | 8.3(0.33)  |

## BS墊片



| ISO平行螺紋<br>尺寸 | 基本訂購<br>資訊 | 尺寸, in.(mm) |            |           |
|---------------|------------|-------------|------------|-----------|
|               |            | T           | E          | H         |
| 1/8           | BS-2-      | 0.63(16.0)  | 0.41(10.4) | 0.10(2.5) |
| 1/4           | BS-4-      | 0.81(20.6)  | 0.54(13.7) |           |
| 3/8           | BS-6-      | 0.94(23.9)  | 0.68(17.3) |           |
| 1/2           | BS-8-      | 1.13(28.7)  | 0.85(21.6) | 0.10(2.5) |
| 3/4           | BS-12-     | 1.38(35.1)  | 1.06(26.9) |           |
| 1             | BS-16-     | 1.69(42.9)  | 1.33(33.8) |           |

| 公制螺紋<br>尺寸 | 基本訂購<br>資訊 | 尺寸, mm(in.) |            |           |
|------------|------------|-------------|------------|-----------|
|            |            | T           | E          | H         |
| M8 x 1     | BS-MS8-    | 13.0(0.51)  | 8.7(0.34)  | 1.0(0.04) |
| M10 x 1    | BS-MS10-   | 16.0(0.63)  | 10.7(0.42) | 1.5(0.06) |
| M12 x 1.5  | BS-MS12-   | 18.0(0.71)  | 12.7(0.50) |           |
| M14 x 1.5  | BS-MS14-   | 22.0(0.87)  | 14.7(0.58) |           |
| M16 x 1.5  | BS-MS16-   | 24.0(0.94)  | 16.7(0.66) |           |
| M18 x 1.5  | BS-MS18-   | 26.0(1.02)  | 18.7(0.74) |           |
| M20 x 1.5  | BS-MS20-   | 28.0(1.10)  | 20.7(0.81) |           |
| M22 x 1.5  | BS-MS22-   | 30.0(1.18)  | 22.7(0.89) | 2.0(0.08) |
| M24 x 1.5  | BS-MS24-   | 32.0(1.26)  | 24.7(0.97) |           |
| M27 x 2    | BS-MS27-   | 36.0(1.42)  | 27.2(1.07) |           |
| M30 x 2    | BS-MS30-   | 39.0(1.54)  | 30.7(1.21) |           |
| M33 x 2    | BS-MS33-   | 42.0(1.65)  | 33.7(1.33) |           |
| M36 x 2    | BS-MS36-   | 48.0(1.89)  | 37.0(1.46) |           |
| M39 x 2    | BS-MS39-   | 51.0(2.01)  | 40.0(1.57) | 2.5(0.10) |
| M42 x 2    | BS-MS42-   | 53.0(2.09)  | 42.7(1.68) | 3.0(0.12) |
| M45 x 2    | BS-MS45-   | 57.0(2.24)  | 46.0(1.81) |           |
| M48 x 2    | BS-MS48-   | 59.0(2.32)  | 48.7(1.92) |           |

√ BS墊圈提供ISO平行外螺紋/公制螺紋的密封。

## 訂購資訊

√ 將材料代號作為後綴添加到基本訂購號碼中，以完成訂購號碼。

| 選擇     |        | 標識  |
|--------|--------|-----|
| 外      | 內      |     |
| 316不銹鋼 | FKM    | 316 |
| 碳鋼     | Buna-N | CS  |

例如:

- √ 帶有Buna 內環的BS 墊圈與碳鋼外環結合，提供帶有1/8 外螺紋ISO平行螺紋的密封，完整訂購號碼為BS-2-CS。
- √ BS墊圈只能與BS配件一起使用。

BP墊片



| ISO 平行螺紋尺寸 | 基本訂購資訊 | 尺寸, in.(mm) |            |           |
|------------|--------|-------------|------------|-----------|
|            |        | T           | E          | H         |
| 1/8        | BP-2-  | 0.59(15.0)  | 0.39(9.9)  | 0.06(1.5) |
| 1/4        | BP-4-  | 0.75(19.1)  | 0.52(13.2) |           |
| 3/8        | BP-6-  | 0.91(23.1)  | 0.66(16.8) |           |
| 1/2        | BP-8-  | 1.06(26.9)  | 0.83(21.1) | 0.08(2.0) |
| 3/4        | BP-12- | 1.30(33.0)  | 1.05(26.7) |           |
| 1          | BP-16- | 1.69(40.1)  | 1.31(33.2) |           |

| 公制螺紋尺寸    | 基本訂購資訊              | 尺寸, mm(in.) |            |           |
|-----------|---------------------|-------------|------------|-----------|
|           |                     | T           | E          | H         |
| M8 x 1    | BP-MS8-             | 13.2(0.52)  | 8.2(0.32)  | 1.5(0.06) |
| M10 x 1   | BP-MS10-            | 15.2(0.60)  | 10.2(0.40) |           |
| M12 x 1.5 | BP-MS12-            | 18.2(0.72)  | 12.2(0.48) |           |
| M14 x 1.5 | BP-MS14- 20.2(0.80) | 14.2(0.56)  |            | 2.5(0.10) |
| M16 x 1.5 | BP-MS16-            | 22.2(0.87)  | 16.2(0.64) |           |
| M18 x 1.5 | BP-MS18-            | 24.2(0.95)  | 18.2(0.72) |           |
| M20 x 1.5 | BP-MS20- 26.2(1.03) | 20.2(0.80)  |            |           |
| M22 x 1.5 | BP-MS22-            | 28.2(1.11)  | 22.2(0.87) |           |
| M24 x 1.5 | BP-MS24-            | 30.2(1.19)  | 24.2(0.95) |           |
| M27 x 2   | BP-MS27-            | 33.3(1.31)  | 27.2(1.07) |           |
| M30 x 2   | BP-MS30- 37.3(1.47) | 30.2(1.19)  |            |           |
| M33 x 2   | BP-MS33- 40.3(1.59) | 33.2(1.37)  |            |           |
| M36 x 2   | BP-MS36- 43.3(1.70) | 36.2(1.43)  |            |           |
| M39 x 2   | BP-MS39- 47.3(1.86) | 39.2(1.54)  |            |           |
| M42 x 2   | BP-MS42- 50.3(1.98) | 42.2(1.66)  |            |           |
| M45 x 2   | BP-MS45- 53.3(2.10) | 45.2(1.78)  |            |           |
| M48 x 2   | BP-MS48- 56.3(2.22) | 48.2(1.90)  |            |           |

BP墊圈提供ISO平行外螺紋/公制螺紋的密封。v

vBP墊圈可與BP接頭一起使用。

BG墊片



| ISO 平行螺紋尺寸 | 基本訂購資訊 | 尺寸, in.(mm) |           |           |
|------------|--------|-------------|-----------|-----------|
|            |        | T           | E         | H         |
| 1/4        | BG-4-  | 0.42(10.7)  | 0.30(7.6) | 0.08(2.0) |
| 3/8        | BG-6-  | 0.56(14.2)  | 0.34(8.6) | 0.08(2.0) |
| 1/2        | BG-8-  | 0.70(17.8)  | 0.36(9.1) | 0.10(2.5) |

| 公制螺紋尺寸    | 基本訂購資訊              | 尺寸, mm(in.) |            |           |
|-----------|---------------------|-------------|------------|-----------|
|           |                     | T           | E          | H         |
| M10 x 1   | BG-MS10-            | 8.3(0.33)   | 3.3(0.13)  | 1.5(0.06) |
| M12 x 1.5 | BG-MS12-            | 9.7(0.38)   | 5.4(0.21)  | 2.0(0.08) |
| M14 x 1.5 | BG-MS14-            | 6.4(0.25)   |            |           |
| M16 x 1.5 | BG-MS16- 13.7(0.54) | 8.4(0.33)   |            |           |
| M18 x 1.5 | BG-MS18- 15.7(0.62) | 10.0(0.39)  |            |           |
| M20 x 1.5 | BG-MS20-            | 18.0(0.71)  | 8.0(0.31)  |           |
| M22 x 1.5 | BG-MS22- 19.6(0.77) | 13.4(0.53)  |            |           |
| M24 x 1.5 | BG-MS24- 21.6(0.85) | 14.8(0.58)  |            |           |
| M27 x 2   | BG-MS27- 24.0(0.94) | 13.9(0.55)  |            | 2.5(0.10) |
| M30 x 2   | BG-MS30- 27.0(1.06) | 19.5(0.77)  |            |           |
| M33 x 2   | BG-MS33- 30.0(1.18) | 21.5(1.85)  |            |           |
| M36 x 2   | BG-MS36- 33.0(1.30) | 23.5(0.93)  |            |           |
| M39 x 2   | BG-MS39- 36.0(1.42) | 24.5(1.00)  | 38.9(1.53) |           |
| M42 x 2   | BG-MS42-            | 29.5(1.16)  |            |           |
| M45 x 2   | BG-MS45- 41.9(1.65) | 30.0(1.18)  |            |           |
| M48 x 2   | BG-MS48- 44.9(1.77) | 32.5(1.28)  |            |           |

訂購資訊

v將材料代號作為後綴添加到基本訂購號碼中，以完成訂購號碼。

| 材質     | 標識   |
|--------|------|
| 銅      | CU   |
| 316不銹鋼 | 316  |
| PTFE   | PTFE |

列如: BP-8-CU, BG-4-316, BG-MS14-CU. v

## O型圈



SAE/MS直螺紋接頭用O型圈

| SAE/MS 螺紋尺寸 | 訂購資訊     | 材料                            |
|-------------|----------|-------------------------------|
| 5/16-24     | FKM9-902 | 90 硬度計<br>Fluorocarbon<br>FKM |
| 3/8-24      | FKM9-903 |                               |
| 7/16-20     | FKM9-904 |                               |
| 1/2-20      | FKM9-905 |                               |
| 9/16-18     | FKM9-906 |                               |
| 3/4-16      | FKM9-908 |                               |
| 7/8-14      | FKM9-910 |                               |
| 1 1/16-12   | FKM9-912 |                               |
| 1 3/16-12   | FKM9-914 |                               |
| 1 5/16-12   | FKM9-916 |                               |
| 1 5/8-12    | FKM9-920 |                               |
| 1 7/8-12    | FKM9-924 |                               |

O型環密封管螺紋接頭用O型圈

| NPT/ISO 螺紋尺寸 | 訂購資訊     | 材料            |
|--------------|----------|---------------|
| 1/8          | NBR7-013 | 70 硬度計<br>NBR |
| 1/4          | NBR7-113 |               |
| 3/8          | NBR7-116 |               |
| 1/2          | NBR7-118 |               |

ISO平行螺紋可定位配件用O型圈

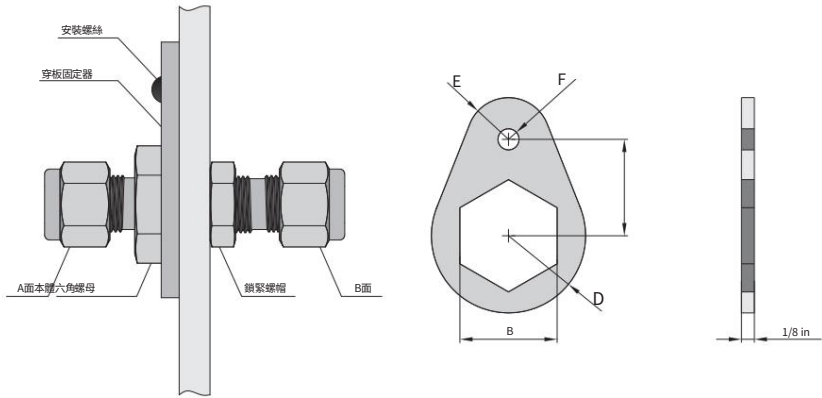
| ISO 平行螺紋尺寸 | 訂購資訊     | 材料                            |
|------------|----------|-------------------------------|
| 1/8        | FKM9-502 | 90 硬度計<br>Fluorocarbon<br>FKM |
| 1/4        | FKM9-111 |                               |
| 3/8        | FKM9-113 |                               |
| 1/2        | FKM9-508 |                               |
| 3/4        | FKM9-119 |                               |
| 1          | FKM9-217 |                               |

O型環密封直螺紋接頭用O型圈

| SAE/MS 螺紋尺寸 | 訂購資訊     | 材料            |
|-------------|----------|---------------|
| 5/16-24     | NBR7-011 | 70 硬度計<br>NBR |
| 3/8-24      | NBR7-012 |               |
| 7/16-20     | NBR7-013 |               |
| 1/2-20      | NBR7-112 |               |
| 9/16-18     | NBR7-113 |               |
| 3/4-16      | NBR7-116 |               |
| 1 1/16-12   | NBR7-121 |               |
| 1 5/16-12   | NBR7-125 |               |

穿板固定器

- ▼ 透過使用穿板固定器，一個人便可以在首次安裝穿板接頭時在A 面緊固鎖緊螺帽。
- 一個人用一把扳手便可以把卡套管連接到A 面和B 面。(因為穿板固定器可以作為一把備用扳手)



| 接頭尺寸 |       | 訂購資訊       | 尺寸, in. |        |        |       |      |
|------|-------|------------|---------|--------|--------|-------|------|
| in.  | mm    |            | A       | B      | D      | E     | F    |
| 1/16 | —     | BR-01-316  | 3/8     | 5/16   | 5/16   | 5/32  | 5/32 |
| 1/8  | —     | BR-02-316  | 1/2     | 1/2    | 13/32  | 7/32  |      |
| 3/16 | 3,4   | BR-03-316  | 9/16    | 9/16   | 15/32  | 1/4   |      |
| 1/4  | 6     | BR-04-316  | 5/8     | 5/8    | 1/2    | 9/32  |      |
| 5/16 | —     | BR-05-316  | 11/16   | 11/16  | 9/16   | 5/16  |      |
| —    | 8     | BR-M8-316  | 11/16   | 18mm   | 9/16   | 5/16  |      |
| 3/8  | —     | BR-06-316  | 3/4     | 3/4    | 5/8    | 11/32 | 7/32 |
| —    | 10    | BR-M10-316 | 15/16   | 22mm   | 3/4    | 13/32 |      |
| 1/2  | 12    | BR-08-316  | 15/16   | 15/16  | 3/4    | 13/32 |      |
| 5/8  | 15,16 | BR-10-316  | 1       | 1 1/16 | 13/16  | 13/32 |      |
| 3/4  | 18    | BR-12-316  | 1 1/16  | 1 3/16 | 29/32  | 15/32 |      |
| 7/8  | —     | BR-14-316  | 1 1/8   | 1 5/8  | 1 1/32 | 17/32 |      |
| 1    | —     | BR-16-316  | 1 9/32  | 1 5/8  | 1 5/32 | 9/16  |      |

▼包括配套的安装螺絲

| 接口1类型           | 接口1尺寸                       | 接头类型                      | 接口2类型                           | 接口2尺寸                                    | 接口3/4类型和尺寸 | 材质                    |
|-----------------|-----------------------------|---------------------------|---------------------------------|------------------------------------------|------------|-----------------------|
| <b>M</b> 公制双卡套  | <b>1</b> 1/16 in.           | <b>MC</b> 双卡套阳螺纹直通        | 同接口1或如下:<br><b>FNPT</b> NPT 阴螺纹 | 同接口1或如下:<br><b>5</b> M5 x 0.8 或 5/16 -24 | 选型同接口1     | <b>316</b> 316 S.S.   |
| <b>F</b> 英制双卡套  | <b>2</b> 1/8 in. 或 2 mm     | <b>BMC</b> 双卡套穿板阳螺纹直通     | <b>NPT</b> NPT 阳螺纹              | <b>6</b> M6 x 1 或 3/8 -24                |            | <b>316L</b> 316L S.S. |
| <b>MT</b> 公制卡套管 | <b>3</b> 3/16 in. 或 3 mm    | <b>TC</b> 热缩通直通           | <b>NPTD</b> 带O形圈NPT 阳螺纹         | <b>7</b> 7/16-20                         |            | <b>304</b> 304 S.S.   |
| <b>FT</b> 英制卡套管 | <b>4</b> 1/4 in. 或 4 mm     | <b>FC</b> 双卡套阴螺纹直通        | <b>FBT</b> BSPT 阴螺纹             | <b>8</b> M8 x 1 或 1/2 -20                |            | <b>304L</b> 304L S.S. |
|                 | <b>5</b> 5/16 in.           | <b>BFC</b> 双卡套穿板阴螺纹直通     | <b>MBT</b> BSPT 阳螺纹             | <b>9</b> 9/16 -18                        |            | <b>A20</b> 合金20       |
|                 | <b>6</b> 3/8 in. 或 6 mm     | <b>U</b> 双卡套直通            | <b>MBTO</b> 带O形圈BSPT 阳螺纹        | <b>10</b> M10 x 1                        |            | <b>A400</b> 合金400     |
|                 | <b>8</b> 1/2 in. 或 8 mm     | <b>ME</b> 双卡套阳螺纹弯头        | <b>FBP</b> BSPP 阴螺纹             | <b>12</b> M12 x 1.5 或 3/4-16             |            | <b>A600</b> 合金600     |
|                 | <b>10</b> 5/8 in. 或 10 mm   | <b>45ME</b> 45°双卡套阳螺纹弯头   | <b>PMBP</b> BSPP 阳螺纹(BP密封)      | <b>14</b> M14 x 1.5 或 7/8-14             |            | <b>A625</b> 合金625     |
|                 | <b>12</b> 3/4 in. 或 12 mm   | <b>45PME</b> 45°可定位弯头     | <b>MBS</b> BSPP 阳螺纹(BS密封)       | <b>16</b> M16 x 1.5                      |            | <b>A825</b> 合金825     |
|                 | <b>14</b> 7/8 in. 或 14 mm   | <b>PME</b> 双卡套可定位阳螺纹弯头    | <b>MBP</b> BSPP 阳螺纹(BG密封)       | <b>17</b> 1 1/16 -12                     |            | <b>A276</b> 合金C276    |
|                 | <b>15</b> 15 mm             | <b>FE</b> 双卡套阴螺纹弯头        | <b>MBPO</b> 带O形圈BSPP阳螺纹         | <b>18</b> M18 x 1.5                      |            | <b>DU7</b> 双相钢2507    |
|                 | <b>16</b> 1 in. 或 16 mm     | <b>UE</b> 双卡套弯头           | <b>FMS</b> ISO 261 阴螺纹          | <b>19</b> 1 3/16 -12                     |            | <b>BR</b> 黄铜          |
|                 | <b>18</b> 1 1/8 in. 或 18 mm | <b>MRT</b> 双卡套主管阳螺纹三通     | <b>MS</b> ISO 261 阳螺纹(BG密封)     | <b>20</b> M20 x 1.5                      |            | <b>CS</b> 碳钢          |
|                 | <b>20</b> 1 1/4 in. 或 20 mm | <b>MBT</b> 双卡套支管阳螺纹三通     | <b>BPMS</b> ISO 261 阳螺纹 (BP密封)  | <b>21</b> 1 5/16 -12                     |            | <b>TI</b> 钛 (grade4)  |
|                 | <b>22</b> 22 mm             | <b>PMRT</b> 双卡套可定位主管阳螺纹三通 | <b>BSMS</b> ISO 261 阳螺纹 (BS密封)  | <b>22</b> M22 x 1.5                      |            | <b>PTFE</b> PTFE      |
|                 | <b>24</b> 1 1/2 in. 或 24 mm | <b>PMBT</b> 双卡套可定位支管阳螺纹三通 | <b>OMS</b> 带O形圈ISO 261 阳螺纹      | <b>24</b> M24 x 1.5                      |            | <b>6MO</b> S31254     |
|                 | <b>25</b> 25 mm             | <b>FRT</b> 双卡套主管阴螺纹三通     | <b>FST</b> SAE 阴螺纹              | <b>26</b> 1 5/8 -12                      |            |                       |
|                 | <b>28</b> 28 mm             | <b>FBT</b> 双卡套支管阴螺纹三通     | <b>MST</b> SAE 阳螺纹(BG密封)        | <b>27</b> M27 x 2                        |            |                       |
|                 | <b>30</b> 30 mm             | <b>UT</b> 双卡套三通           | <b>BPST</b> SAE 阳螺纹(BP密封)       | <b>30</b> 1 7/8 -12                      |            |                       |
|                 | <b>32</b> 2 in. 或 32 mm     | <b>UC</b> 双卡套四通           | <b>BSST</b> SAE 阳螺纹(BS密封)       |                                          |            |                       |
|                 | <b>38</b> 38 mm             | <b>CA</b> 管帽              | <b>OST</b> 带O形圈SAE 阳螺纹          |                                          |            |                       |
|                 | <b>50</b> 50 mm             | <b>PL</b> 堵头              | <b>STO</b> 带O形圈SAE阳螺纹           |                                          |            |                       |
|                 |                             | <b>R</b> 双卡套-卡套管缩径直通      | <b>PPT</b> 可定位BSPP直螺纹           |                                          |            |                       |
|                 |                             | <b>RE</b> 双卡套-卡套管缩径弯头     | <b>PMS</b> 可定位ISO 261直螺纹        |                                          |            |                       |
|                 |                             | <b>BR</b> 双卡套-卡套管穿板缩径直通   | <b>PST</b> 可定位SAE直螺纹            |                                          |            |                       |
|                 |                             | <b>PC</b> 孔口接头            | <b>AN</b> 37° (JIC) 扩口阳螺纹       |                                          |            |                       |
|                 |                             | <b>MA</b> 卡套管-阳螺纹直通       | <b>AN</b> 37° (JIC) 扩口阴螺纹       |                                          |            |                       |
|                 |                             | <b>FA</b> 卡套管-阴螺纹直通       | <b>FSW</b> 英制Tube管插焊            |                                          |            |                       |
|                 |                             | <b>WC</b> 双卡套焊接直通         | <b>FBW</b> 英制Tube管对焊            |                                          |            |                       |
|                 |                             | <b>WE</b> 双卡套焊接弯头         | <b>MSW</b> 公制Tube管插焊            |                                          |            |                       |
|                 |                             | <b>FLA</b> 双卡套法兰接头        | <b>MBW</b> 公制Tube管对焊            |                                          |            |                       |
|                 |                             | <b>SFF</b> 双卡套卫生法兰接头      | <b>PBW</b> Pipe管对焊              |                                          |            |                       |
|                 |                             | <b>N</b> 螺母               | <b>PSW</b> Pipe管插焊              |                                          |            |                       |
|                 |                             | <b>MN</b> 阳螺母             |                                 |                                          |            |                       |
|                 |                             | <b>RF</b> 后卡套             |                                 |                                          |            |                       |
|                 |                             | <b>FF</b> 前卡套             |                                 |                                          |            |                       |
|                 |                             | <b>FR</b> 前后卡套组           |                                 |                                          |            |                       |
|                 |                             | <b>NFR</b> 卡套螺母组          |                                 |                                          |            |                       |

