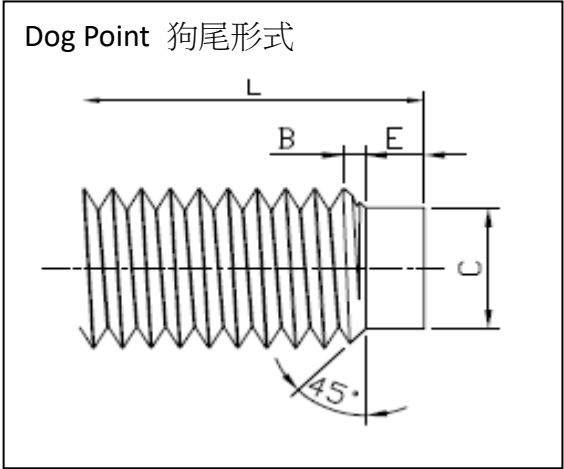
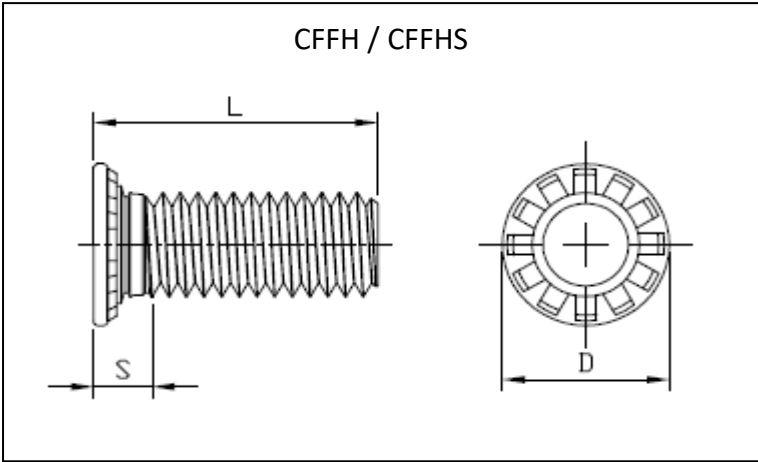


# CLINCHING FASTENERS CO., LTD.

## CLINCHING STUDS 壓鉚螺釘



**Material 材質：**Steel 鋼 (CFFH) / Stainless Steel 不鏽鋼 (CFFHS)

**Finish 電鍍：**Cr3+ Zinc 三價鋅 (CFFH) / Plain 本色 (CFFHS)

CFFH / CFFHS

Dimensions: ISO metric /mm

| Part Code<br>產品編號       | Thread Sizes<br>螺紋尺寸 | D<br>±0.4 | S<br>Max. | Min. Sheet Thickness<br>最小板厚 | Hole size in sheet<br>+0.08<br>板孔徑 | L ± 0.4 長度 |    |    |    |    |    |    |    |    |    |
|-------------------------|----------------------|-----------|-----------|------------------------------|------------------------------------|------------|----|----|----|----|----|----|----|----|----|
| CFFH-M2<br>CFFHS-M2     | M2x0.4               | 3.35      | N/A       | 1.0                          | 1.96                               | 6          | 8  | 10 | 12 | 15 | 18 |    |    |    |    |
| CFFH-M2.5<br>CFFHS-M2.5 | M2.5x0.45            | 4.1       | 1.95      | 1.0                          | 2.5                                | 6          | 8  | 10 | 12 | 15 | 18 |    |    |    |    |
| CFFH-M3<br>CFFHS-M3     | M3x0.5               | 4.6       | 2.1       | 1.0                          | 3                                  | 6          | 8  | 10 | 12 | 15 | 18 | 20 | 25 |    |    |
| CFFH-M4<br>CFFHS-M4     | M4x0.7               | 5.9       | 2.4       | 1.0                          | 4                                  | 6          | 8  | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 |
| CFFH-M5<br>CFFHS-M5     | M5x0.8               | 6.5       | 2.7       | 1.0                          | 5                                  | 8          | 10 | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 |
| CFFH-M6<br>CFFHS-M6     | M6x1.0               | 8.2       | 3.0       | 1.6                          | 6                                  | 10         | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 60 |
| CFFH-M8<br>CFFHS-M8     | M8x1.25              | 9.6       | 3.7       | 2.4                          | 8                                  | 10         | 12 | 15 | 18 | 20 | 25 | 30 | 35 | 40 | 50 |

| Part Code<br>產品編號       | Thread Sizes<br>螺紋尺寸 | D<br>±.015 | S<br>Max. | Min. Sheet Thickness<br>最小板厚 | Hole size in sheet<br>+.003<br>-.000 | L ± .015 長度 |      |      |      |      |      |      |      |      |      |
|-------------------------|----------------------|------------|-----------|------------------------------|--------------------------------------|-------------|------|------|------|------|------|------|------|------|------|
|                         |                      |            |           |                              |                                      | .250        | .312 | .375 | .500 | .625 | .750 | .875 | 1.00 | 1.25 | 1.50 |
| CFFH-256<br>CFFHS-256   | .086-56<br>(#2-56)   | .144       | .075      | .040                         | .085                                 | 4           | 5    | 6    | 8    | 10   | 12   |      |      |      |      |
| CFFH-440<br>CFFHS-440   | .112-40<br>(#4-40)   | .176       | .085      | .040                         | .111                                 | 4           | 5    | 6    | 8    | 10   | 12   | 14   | 16   | 20   |      |
| CFFH-632<br>CFFHS-632   | .138-32<br>(#6-32)   | .206       | .090      | .040                         | .137                                 | 4           | 5    | 6    | 8    | 10   | 12   | 14   | 16   | 20   | 24   |
| CFFH-832<br>CFFHS-832   | .164-32<br>(#8-32)   | .237       | .090      | .040                         | .163                                 | 4           | 5    | 6    | 8    | 10   | 12   | 14   | 16   | 20   | 24   |
| CFFH-024<br>CFFHS-024   | .190-24<br>(#10-24)  | .256       | .100      | .040                         | .189                                 |             | 5    | 6    | 8    | 10   | 12   | 14   | 16   | 20   | 24   |
| CFFH-032<br>CFFHS-032   | .190-32<br>(#10-32)  | .256       | .100      | .040                         | .189                                 |             | 5    | 6    | 8    | 10   | 12   | 14   | 16   | 20   | 24   |
| CFFH-0420<br>CFFHS-0420 | .250-20<br>(1/4-20)  | .337       | .135      | .062                         | .249                                 |             |      | 6    | 8    | 10   | 12   | 14   | 16   | 20   | 24   |
| CFFH-0518<br>CFFHS-0518 | .313-18<br>(5/16-18) | .376       | .160      | .093                         | .311                                 |             |      |      | 8    | 10   | 12   | 14   | 16   | 20   | 24   |

PERFORMANCE DATE 性能數據表

| TYPE<br>產品種類  | Thread Size<br>螺紋尺寸 | Test Sheet<br>Thickness &<br>Material<br>板厚及材料 | Sheet<br>Hardness<br>HRB<br>板硬度 | Installation<br>(KN)<br>安裝力 | Push-out<br>(N)<br>推力 | Torque-out<br>(N*m)<br>扭力 |
|---------------|---------------------|------------------------------------------------|---------------------------------|-----------------------------|-----------------------|---------------------------|
| CFFH<br>CFFHS | M2.5                | 1.6mm<br>Aluminum<br>鋁板                        | 29                              | 8.9                         | 465                   | 1.0                       |
|               |                     |                                                | 29                              | 11.6                        | 465                   | 0.8                       |
|               | M3                  |                                                | 29                              | 12.9                        | 600                   | 1.7                       |
|               |                     |                                                | 29                              | 12.9                        | 600                   | 1.3                       |
|               | M4                  |                                                | 29                              | 20                          | 975                   | 2.9                       |
|               |                     |                                                | 29                              | 22.3                        | 975                   | 2.9                       |
|               | M5                  |                                                | 29                              | 24.5                        | 1070                  | 3.5                       |
|               |                     |                                                | 29                              | 24.5                        | 1070                  | 3.5                       |
|               | M6                  | 2.4mm<br>Aluminum<br>鋁板                        | 28                              | 28.9                        | 1660                  | 7.3                       |
|               |                     |                                                | 28                              | 28.9                        | 1660                  | 7.3                       |
|               | M8                  |                                                | 28                              | 29.8                        | 1910                  | 11.3                      |
|               |                     |                                                | 28                              | 29.8                        | 1910                  | 11.3                      |
| CFFH<br>CFFHS | M2.5                | 1.5mm<br>Steel 鋼板                              | 59                              | 11.1                        | 740                   | 1.0                       |
|               |                     |                                                | 59                              | 13.8                        | 740                   | 0.8                       |
|               | M3                  |                                                | 59                              | 14.7                        | 820                   | 1.7                       |
|               |                     |                                                | 59                              | 14.7                        | 820                   | 1.3                       |
|               | M4                  |                                                | 59                              | 28.9                        | 1780                  | 4.2                       |
|               |                     |                                                | 59                              | 26.7                        | 1780                  | 2.9                       |
|               | M5                  |                                                | 59                              | 33.4                        | 2000                  | 6.5                       |
|               |                     |                                                | 59                              | 32.5                        | 2000                  | 6.3                       |
|               | M6                  | 2.2mm<br>Steel 鋼板                              | 46                              | 44.5                        | 2560                  | 11.3                      |
|               |                     |                                                | 46                              | 44.5                        | 2560                  | 10.1                      |
|               | M8                  | 2.4mm<br>Steel 鋼板                              | 46                              | 44.5                        | 2890                  | 19.2                      |
|               |                     |                                                | 46                              | 49.8                        | 2890                  | 17.5                      |

| TYPE<br>產品種類  | Thread Size<br>螺紋尺寸                        | Test Sheet<br>Thickness &<br>Material<br>板厚及材料 | Sheet<br>Hardness<br>HRB | Installation<br>(lbs)<br>安裝力 | Push-out<br>(lbs)<br>推力 | Torque-out<br>(in*lbs)<br>扭力 |
|---------------|--------------------------------------------|------------------------------------------------|--------------------------|------------------------------|-------------------------|------------------------------|
| CFFH<br>CFFHS | .086-56<br>(#2-56)                         | .062”<br>Aluminum<br>鋁板                        | 29                       | 2000                         | 100                     | 5                            |
|               |                                            |                                                | 29                       | 2000                         | 100                     | 4.5                          |
|               | .112-40<br>(#4-40)                         | .064”<br>Aluminum<br>鋁板                        | 29                       | 3800                         | 170                     | 10                           |
|               |                                            |                                                | 29                       | 3200                         | 170                     | 8                            |
|               | .138-32<br>(#6-32)                         |                                                | 29                       | 3800                         | 180                     | 17                           |
|               |                                            |                                                | 29                       | 3500                         | 180                     | 16                           |
|               | .164-32<br>(#8-32)                         |                                                | 29                       | 4800                         | 220                     | 28                           |
|               |                                            |                                                | 29                       | 4500                         | 220                     | 28                           |
|               | .190-24<br>(#10-24)<br>.190-32<br>(#10-32) |                                                | 29                       | 5500                         | 270                     | 30                           |
|               |                                            |                                                | 29                       | 5500                         | 270                     | 30                           |
|               | .250-20<br>(1/4-20)                        | .093”<br>Aluminum<br>鋁板                        | 28                       | 6500                         | 310                     | 65                           |
|               |                                            |                                                | 28                       | 6500                         | 310                     | 65                           |
|               | .313-18<br>(5/16-18)                       |                                                | 282                      | 6500                         | 430                     | 100                          |
|               |                                            |                                                | 28                       | 6700                         | 430                     | 100                          |
| CFFH<br>CFFHS | .086-56<br>(#2-56)                         | .060” Steel<br>鋼板                              | 59                       | 2000                         | 180                     | 5                            |
|               |                                            |                                                | 59                       | 2000                         | 180                     | 4.5                          |
|               | .112-40<br>(#4-40)                         |                                                | 59                       | 4300                         | 275                     | 10                           |
|               |                                            |                                                | 59                       | 4700                         | 275                     | 8                            |
|               | .138-32<br>(#6-32)                         |                                                | 59                       | 4700                         | 300                     | 20                           |
|               |                                            |                                                | 59                       | 5000                         | 300                     | 16                           |
|               | .164-32<br>(#8-32)                         |                                                | 59                       | 6800                         | 375                     | 40                           |
|               |                                            |                                                | 59                       | 5500                         | 375                     | 28                           |
|               | .190-24<br>(#10-24)<br>.190-32<br>(#10-32) |                                                | 59                       | 7500                         | 450                     | 60                           |
|               |                                            |                                                | 59                       | 6800                         | 450                     | 50                           |
|               | .250-20<br>(1/4-20)                        | .088” Steel<br>鋼板                              | 46                       | 9500                         | 575                     | 100                          |
|               |                                            |                                                | 46                       | 10000                        | 575                     | 100                          |
|               | .313-18<br>(5/16-18)                       | .093” Steel<br>鋼板                              | 46                       | 10000                        | 650                     | 175                          |
|               |                                            |                                                | 46                       | 11200                        | 650                     | 175                          |