

## Ferrules



- Meets emerging global standards, requiring wire-to-metric style terminal block installations to be terminated with a "pin" style terminal
- Vinyl insulated, nylon insulated, and non-insulated styles
- All styles offered in #22 AWG to #10 AWG and compatible with existing Sta-Kon® tooling

- Insert the crimped ferrule into the terminal block
- Tighten the ferrule and wire into the terminal block

### Materials

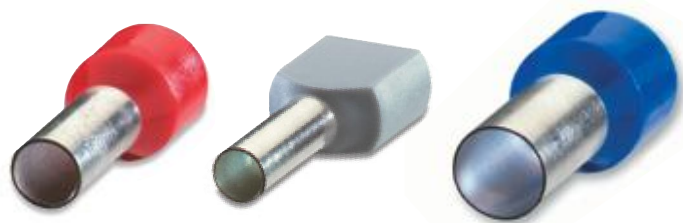
- High-conductivity copper
- Tin plating

| CAT. NO. | CONDUCTOR SECTION |                 | COLOR  | DIMENSIONS INCHES/MM |           |           |           |          | INSTALLATION TOOLING | PKG. QTY. |
|----------|-------------------|-----------------|--------|----------------------|-----------|-----------|-----------|----------|----------------------|-----------|
|          | AWG               | MM <sup>2</sup> |        | A                    | B         | ØC        | ØD        | E        |                      |           |
| F4004    | 26                | .14             | Gray   | .413/10.5            | .236/6.0  | .031/.80  | .079/2.0  | .010/.25 | T3, ERG4             | 500       |
| F4005    | 26                | .14             | Gray   | .492/12.5            | .315/8.0  | .031/.80  | .079/2.0  | .010/.25 | T3, ERG4             | 500       |
| F4006    | 24                | .25             | Yellow | .413/10.5            | .236/6.0  | .031/.80  | .079/2.0  | .010/.25 | T3, ERG4             | 500       |
| F4007    | 24                | .25             | Yellow | .492/12.5            | .315/8.0  | .031/.80  | .079/2.0  | .010/.25 | T3, ERG4             | 500       |
| F4008    | 22                | .34             | Purple | .413/10.5            | .236/6.0  | .031/.80  | .079/2.0  | .010/.25 | T3, ERG4             | 500       |
| F4009    | 22                | .34             | Purple | .492/12.5            | .315/8.0  | .031/.80  | .079/2.0  | .010/.25 | T3, ERG4             | 500       |
| F2020    | 20                | .50             | White  | .453/11.5            | .236/6.0  | .043/1.1  | .098/2.5  | .006/.15 | T1, T3 & ERG4        | 500       |
| F2021    | 20                | .50             | White  | .531/13.5            | .315/8.0  | .043/1.1  | .098/2.5  | .006/.15 | T1, T3 & ERG4        | 500       |
| F2022    | 20                | .50             | White  | .610/15.5            | .394/10.0 | .043/1.1  | .098/2.5  | .006/.15 | T1, T3 & ERG4        | 500       |
| F2023    | 18                | .75             | Gray   | .472/12.0            | .236/6.0  | .051/1.3  | .110/2.8  | .006/.15 | T1, T3 & ERG4        | 500       |
| F2024    | 18                | .75             | Gray   | .551/14.0            | .315/8.0  | .051/1.3  | .110/2.8  | .006/.15 | T1, T3 & ERG4        | 500       |
| F2025    | 18                | .75             | Gray   | .630/16.0            | .394/10.0 | .051/1.3  | .110/2.8  | .006/.15 | T1, T3 & ERG4        | 500       |
| F2026    | 18                | .75             | Gray   | .709/18.0            | .472/12.0 | .051/1.3  | .110/2.8  | .006/.15 | T1, T3 & ERG4        | 500       |
| F2027    | 18                | 1.00            | Red    | .492/12.5            | .236/6.0  | .059/1.5  | .118/3.0  | .006/.15 | T1, T3 & ERG4        | 500       |
| F2028    | 18                | 1.00            | Red    | .571/14.5            | .315/8.0  | .059/1.5  | .118/3.0  | .006/.15 | T1, T3 & ERG4        | 500       |
| F2029    | 18                | 1.00            | Red    | .650/16.5            | .394/10.0 | .059/1.5  | .118/3.0  | .006/.15 | T1, T3 & ERG4        | 500       |
| F2030    | 18                | 1.00            | Red    | .728/18.5            | .472/12.0 | .059/1.5  | .118/3.0  | .006/.15 | T1, T3 & ERG4        | 500       |
| F2031    | 16                | 1.50            | Black  | .571/14.5            | .315/8.0  | .071/1.8  | .134/3.4  | .006/.15 | T1, T3 & ERG4        | 500       |
| F2032    | 16                | 1.50            | Black  | .650/16.5            | .394/10.0 | .071/1.8  | .134/3.4  | .006/.15 | T1, T3 & ERG4        | 500       |
| F2033    | 16                | 1.50            | Black  | .728/18.5            | .472/12.0 | .071/1.8  | .134/3.4  | .006/.15 | T1, T3 & ERG4        | 500       |
| F2034    | 16                | 1.50            | Black  | .965/24.5            | .708/18.0 | .071/1.8  | .134/3.4  | .006/.15 | T1, T3 & ERG4        | 500       |
| F2035    | 14                | 2.50            | Blue   | .591/15.0            | .315/8.0  | .091/2.3  | .165/4.2  | .006/.15 | T1, T3 & ERG4        | 500       |
| F2036    | 14                | 2.50            | Blue   | .748/19.0            | .472/12.0 | .091/2.3  | .165/4.2  | .006/.15 | T1, T3 & ERG4        | 500       |
| F2037    | 14                | 2.50            | Blue   | .984/25.0            | .708/18.0 | .091/2.3  | .165/4.2  | .006/.15 | T1, T3 & ERG4        | 500       |
| F2038    | 12                | 4.00            | Gray   | .889/17.5            | .394/10.0 | .114/2.9  | .189/4.8  | .008/.20 | T3 & ERG4            | 500       |
| F2039    | 12                | 4.00            | Gray   | .787/20.0            | .472/12.0 | .114/2.9  | .189/4.8  | .008/.20 | T3 & ERG4            | 500       |
| F2040    | 12                | 4.00            | Gray   | 1.024/26.0           | .708/18.0 | .114/2.9  | .189/4.8  | .008/.20 | T3 & ERG4            | 100       |
| F2041    | 10                | 6.00            | Yellow | .787/20.0            | .472/12.0 | .142/3.6  | .244/6.2  | .008/.20 | T3 & ERG4            | 100       |
| F2042    | 10                | 6.00            | Yellow | .984/25.0            | .708/18.0 | .142/3.6  | .244/6.2  | .008/.20 | T3 & ERG4            | 100       |
| F2043    | 8                 | 10.00           | Red    | .827/21.0            | .472/12.0 | .181/4.6  | .295/7.5  | .008/.20 | T3 & ERG4            | 100       |
| F2044    | 8                 | 10.00           | Red    | 1.063/27.0           | .708/18.0 | .181/4.6  | .295/7.5  | .008/.20 | T3 & ERG4            | 100       |
| F2045    | 6                 | 16.00           | Blue   | .906/23.0            | .472/12.0 | .236/6.0  | .346/8.8  | .008/.20 | ERG4                 | 100       |
| F2046    | 6                 | 16.00           | Blue   | 1.142/29.0           | .708/18.0 | .236/6.0  | .346/8.8  | .008/.20 | ERG4                 | 50        |
| F2047    | 4                 | 25.00           | Yellow | 1.142/29.0           | .630/18.0 | .295/7.5  | .433/11.0 | .008/.20 | ERG4                 | 50        |
| F2048    | 4                 | 25.00           | Yellow | 1.220/31.0           | .708/18.0 | .295/7.5  | .433/11.0 | .008/.20 | ERG4                 | 50        |
| F2049    | 4                 | 25.00           | Yellow | 1.378/35.0           | .866/22.0 | .295/7.5  | .433/11.0 | .008/.20 | ERG4                 | 50        |
| F2050    | 2                 | 35.00           | Red    | 1.181/30.0           | .630/16.0 | .335/8.5  | .492/12.5 | .008/.20 | ERG4                 | 50        |
| F2051    | 2                 | 35.00           | Red    | 1.260/32.0           | .708/18.0 | .335/8.5  | .492/12.5 | .008/.20 | ERG4                 | 50        |
| F2052    | 2                 | 35.00           | Red    | 1.535/39.0           | .984/25.0 | .335/8.5  | .492/12.5 | .008/.20 | ERG4                 | 50        |
| F2053    | 1/0               | 50.00           | Blue   | 1.417/36.0           | .787/20.0 | .413/10.5 | .591/15.0 | .014/.35 | ERG4                 | 50        |
| F2054    | 1/0               | 50.00           | Blue   | 1.614/41.0           | .984/25.0 | .413/10.5 | .591/15.0 | .014/.35 | ERG4                 | 50        |

Ferrule dimensions conform to DIN 46228, Part 4.

## Ferrules

### Strip Lengths on Insulated Ferrules



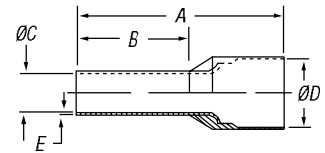
| CAT. NO. | PIN LENGTH (IN.) | MIN. STRIP LENGTH (IN.) | MAX. STRIP LENGTH (IN.) |
|----------|------------------|-------------------------|-------------------------|
| F2020    | .236             | .3147                   | .354                    |
| F2021    | .315             | .3937                   | .433                    |
| F2022    | .394             | .4727                   | .512                    |
| F2023    | .236             | .3147                   | .354                    |
| F2024    | .315             | .3937                   | .433                    |
| F2025    | .394             | .4727                   | .512                    |
| F2026    | .472             | .5507                   | .59                     |
| F2027    | .236             | .3147                   | .354                    |
| F2028    | .315             | .3937                   | .433                    |
| F2029    | .394             | .4727                   | .512                    |
| F2030    | .472             | .5507                   | .59                     |
| F2031    | .315             | .3937                   | .433                    |
| F2032    | .394             | .4727                   | .512                    |
| F2033    | .472             | .5507                   | .59                     |
| F2034    | .708             | .7867                   | .826                    |
| F2035    | .315             | .3937                   | .433                    |
| F2036    | .472             | .5507                   | .59                     |
| F2037    | .708             | .7867                   | .826                    |
| F2038    | .394             | .4727                   | .512                    |
| F2039    | .472             | .5507                   | .59                     |
| F2040    | .708             | .7867                   | .826                    |
| F2041    | .472             | .5507                   | .59                     |
| F2042    | .708             | .7867                   | .826                    |
| F2043    | .472             | .5507                   | .59                     |
| F2044    | .708             | .7867                   | .826                    |
| F2045    | .472             | .5507                   | .59                     |
| F2046    | .708             | .7867                   | .826                    |
| F2047    | .63              | .7087                   | .748                    |
| F2048    | .708             | .7867                   | .826                    |
| F2049    | .866             | .9447                   | .984                    |
| F2050    | .53              | .6087                   | .648                    |
| F2051    | .708             | .7867                   | .826                    |
| F2052    | .984             | 1.0627                  | 1.102                   |
| F2053    | .787             | .8657                   | .905                    |
| F2054    | .984             | 1.0627                  | 1.102                   |

**Note:** The thicker the insulation, the longer the strip length should be.

| CAT. NO. | PIN LENGTH (IN.) | MIN. STRIP LENGTH (IN.) | MAX. STRIP LENGTH (IN.) |
|----------|------------------|-------------------------|-------------------------|
| F4000    | .315             | .3937                   | .433                    |
| F4001    | .315             | .3937                   | .433                    |
| F4002    | .315             | .3937                   | .433                    |
| F4003    | .315             | .3937                   | .433                    |
| F4004    | .236             | .3147                   | .354                    |
| F4005    | .315             | .3937                   | .433                    |
| F4006    | .236             | .3147                   | .354                    |
| F4007    | .315             | .3937                   | .433                    |
| F4008    | .236             | .3147                   | .354                    |
| F4009    | .315             | .3937                   | .433                    |
| F4020    | .315             | .3937                   | .433                    |
| F4021    | .315             | .3937                   | .433                    |
| F4022    | .315             | .3937                   | .433                    |
| F4023    | .315             | .3937                   | .433                    |
| F4024    | .315             | .3937                   | .433                    |
| F4027    | .315             | .3937                   | .433                    |
| F4028    | .315             | .3937                   | .433                    |

## Ferrules

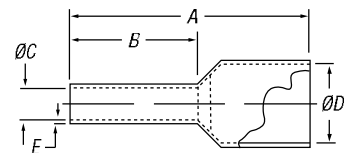
### Insulated Twin Ferrules



| CAT. NO. | CONDUCTOR SECTION |         | COLORS | DIMENSIONS INCHES/MM |           |           |          |         | INSTALLATION TOOLING | PKG. QTY. |
|----------|-------------------|---------|--------|----------------------|-----------|-----------|----------|---------|----------------------|-----------|
|          | AWG               | MM      |        | A                    | B         | ØC        | ØD       | E       |                      |           |
| F8000    | 2x 20             | 2x 0.50 | White  | .591/15.0            | .315/8.0  | .059/1.5  | .177/4.5 | .010/25 | T3                   | 500       |
| F8001    | 2x 18             | 2x 0.75 | Gray   | .591/15.0            | .315/8.0  | .071/1.8  | .201/5.1 | .010/25 | T3                   | 500       |
| F8002    | 2x 18             | 2x 0.75 |        | .669/17.0            | .394/10.0 | .071/1.8  | .201/5.1 | .006/15 | T3                   | 500       |
| F8003    | 2x 17             | 2x 1.00 | Red    | .591/15.0            | .315/8.0  | .081/2.05 | .201/5.1 | .006/15 | T3                   | 500       |
| F8005    | 2x 17             | 2x 1.00 |        | .669/17.0            | .394/10.0 | .081/2.05 | .201/5.1 | .006/15 | T3                   | 500       |
| F8006    | 2x 16             | 2x 1.50 | Black  | .630/16.0            | .315/8.0  | .091/2.3  | .252/6.4 | .006/15 | T3                   | 500       |
| F8007    | 2x 16             | 2x 1.50 |        | .787/20.0            | .472/12.0 | .091/2.3  | .252/6.4 | .006/15 | T3                   | 500       |
| F8008    | 2x 14             | 2x 2.50 | Blue   | .728/18.5            | .394/10.0 | .114/2.9  | .295/7.5 | .006/15 | T3                   | 500       |
| F8009    | 2x 14             | 2x 2.50 |        | .846/21.5            | .512/13.0 | .114/2.9  | .295/7.5 | .006/15 | T3                   | 500       |
| F8010    | 2x 12             | 2x 4.00 | Gray   | .906/23.0            | .472/12.0 | .150/3.8  | .339/8.6 | .006/15 | ERG4/6MM DIE         | 100       |
| F8011    | 2x 10             | 2x 6.00 | Yellow | .984/25.0            | .551/14.0 | .193/4.9  | .378/9.6 | .008/20 | ERG4/10MM DIE        | 100       |

Ferrule dimensions conform to DIN 46228, Part 4.

### Insulated Ferrules (Old DIN and French Standards)



| CAT. NO. | STYLE   | CONDUCTOR SECTION |      |          | DIMENSIONS INCHES/MM |          |          |          |         | INSTALLATION TOOLING | PKG. QTY. |
|----------|---------|-------------------|------|----------|----------------------|----------|----------|----------|---------|----------------------|-----------|
|          |         | AWG               | MM   | COLORS   | A                    | B        | ØC       | ØD       | E       |                      |           |
| F4000    | OLD DIN | 20                | 0.50 | Orange   | .571/14.5            | .315/8.0 | .043/1.1 | .102/2.6 | .006/15 | T1, T3 & ERG4        | 500       |
| F4001    | OLD DIN | 18                | 0.75 | White    | .571/14.5            | .315/8.0 | .051/1.3 | .110/2.8 | .006/15 | T1, T3 & ERG4        | 500       |
| F4002    | OLD DIN | 18-17             | 1.00 | Yellow   | .571/14.5            | .315/8.0 | .059/1.5 | .118/3.0 | .006/15 | T1, T3 & ERG4        | 500       |
| F4003    | OLD DIN | 16                | 1.50 | Red      | .571/14.5            | .315/8.0 | .071/1.8 | .134/3.4 | .006/15 | T1, T3 & ERG4        | 500       |
| F4020    | OLD DIN | 14                | 2.50 | Blue     | .571/14.5            | .315/8.0 | .091/2.3 | .165/4.2 | .006/15 | T1, T3 & ERG4        | 500       |
| F4021    | FRENCH  | 20                | 0.50 | White    | .571/14.5            | .315/8.0 | .043/1.1 | .102/2.6 | .006/15 | T1, T3 & ERG4        | 500       |
| F4023    | FRENCH  | 18                | 0.75 | Lt. Blue | .571/14.5            | .315/8.0 | .051/1.3 | .110/2.8 | .006/15 | T1, T3 & ERG4        | 500       |
| F4024    | FRENCH  | 18-17             | 1.00 | Red      | .571/14.5            | .315/8.0 | .059/1.5 | .118/3.0 | .006/15 | T1, T3 & ERG4        | 500       |
| F4027    | FRENCH  | 16                | 1.50 | Black    | .571/14.5            | .315/8.0 | .071/1.8 | .134/3.4 | .006/15 | T1, T3 & ERG4        | 500       |
| F4028    | FRENCH  | 14                | 2.50 | Gray     | .571/14.5            | .315/8.0 | .091/2.3 | .165/4.2 | .006/15 | T1, T3 & ERG4        | 500       |

Ferrule dimensions conform to DIN 46228, Part 4.

## The crimping tools you need!

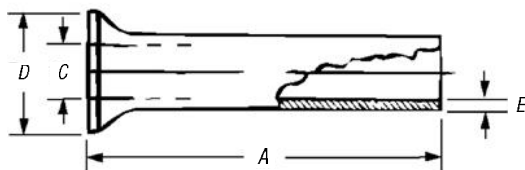
### Tooling for Sta-Kon® Insulated Ferrules

| CAT. NO. | DESCRIPTION                                                                                                                                                                                                   | PKG. QTY. |
|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| T1       | Sta-Kon® Crimp Tool for wire ferrules #20-#14 AWG — insulated handle.                                                                                                                                         | 1         |
| T3       | Sta-Kon® Crimp Tool for wire ferrules #26-#10 AWG — insulated handle.                                                                                                                                         | 1         |
| ERG4     | Comfort Crimp® Sta-Kon® Crimp Tool with Shure-Stake® mechanism, for installing wire ferrules #26-1/0 AWG. Four interchangeable die sets included. Insulated handle. Packaged in sturdy plastic carrying case. | 1         |



## Ferrules

### Non-Insulated Ferrules



| CAT. NO. | CONDUCTOR SECTION |     | DIMENSIONS INCHES/MM |           |          |          | INSTALLATION TOOLING | PKG. QTY. |
|----------|-------------------|-----|----------------------|-----------|----------|----------|----------------------|-----------|
|          | AWG               | MM  | A                    | C         | D        | E        |                      |           |
| F9000    | 24                | .25 | .196/5               | .030/.75  | .067/1.7 | .006/.15 | T1, ERG4 T3          | 1,000     |
| F9001    | 22                | .5  | .236/6               | .039/1.0  | .083/2.1 | .006/.15 | T1, T3, ERG4         | 1,000     |
| F9002    | 22                | .5  | .394/10              | .039/1.0  | .083/2.1 | .006/.15 | T1, T3, ERG4         | 1,000     |
| F9003    | 18                | .75 | .236/6               | .047/1.2  | .091/2.3 | .006/.15 | T1, T3, ERG4         | 1,000     |
| F9004    | 18                | .75 | .394/10              | .047/1.2  | .091/2.3 | .006/.15 | T1, T3, ERG4         | 1,000     |
| F9005    | 18                | 1   | .236/6               | .055/1.4  | .098/2.5 | .006/.15 | T1, T3, ERG4         | 1,000     |
| F9006    | 18                | 1   | .394/10              | .055/1.4  | .098/2.5 | .006/.15 | T1, T3, ERG4         | 1,000     |
| F9007    | 16                | 1.5 | .276/7               | .067/1.7  | .110/2.8 | .006/.15 | T1, T3, ERG4         | 1,000     |
| F9008    | 16                | 1.5 | .394/10              | .067/1.7  | .110/2.8 | .006/.15 | T1, T3, ERG4         | 1,000     |
| F9009    | 16                | 1.5 | .473/12              | .067/1.7  | .110/2.8 | .006/.15 | T1, T3, ERG4         | 1,000     |
| F9010    | 16                | 1.5 | .709/18              | .067/1.7  | .110/2.8 | .006/.15 | T1, T3, ERG4         | 1,000     |
| F9011    | 14                | 2.5 | .276/7               | .087/2.2  | .139/3.4 | .006/.15 | T1, T3, ERG4         | 1,000     |
| F9012    | 14                | 2.5 | .394/10              | .087/2.2  | .139/3.4 | .006/.15 | T1, T3, ERG4         | 1,000     |
| F9013    | 14                | 2.5 | .472/12              | .087/2.2  | .139/3.4 | .006/.15 | T1, T3, ERG4         | 1,000     |
| F9014    | 14                | 2.5 | .709/18              | .087/2.2  | .139/3.4 | .006/.15 | T1, T3, ERG4         | 1,000     |
| F9015    | 12                | 4   | .354/9               | .110/2.8  | .158/4   | .008/.2  | T3, ERG4             | 1,000     |
| F9016    | 12                | 4   | .472/12              | .110/2.8  | .158/4   | .008/.2  | T3, ERG4             | 1,000     |
| F9017    | 12                | 4   | .591/15              | .110/2.8  | .158/4   | .008/.2  | T3, ERG4             | 1,000     |
| F9018    | 12                | 4   | .709/18              | .110/2.8  | .158/4   | .008/.2  | T3, ERG4             | 1,000     |
| F9019    | 10                | 6   | .472/12              | .138/3.5  | .185/4.7 | .008/.2  | T3, ERG4             | 1,000     |
| F9020    | 10                | 6   | .591/15              | .138/3.5  | .185/4.7 | .008/.2  | T3, ERG4             | 1,000     |
| F9021    | 10                | 6   | .709/18              | .138/3.5  | .185/4.7 | .008/.2  | T3, ERG4             | 1,000     |
| F9022    | 8                 | 10  | .472/12              | .177/4.5  | .228/5.8 | .008/.2  | ERG4                 | 500       |
| F9023    | 8                 | 10  | .591/15              | .177/4.5  | .228/5.8 | .008/.2  | ERG4                 | 500       |
| F9024    | 8                 | 10  | .709/18              | .177/4.5  | .228/5.8 | .008/.2  | ERG4                 | 500       |
| F9025    | 6                 | 16  | .472/12              | .228/5.8  | .295/7.5 | .008/.2  | ERG4                 | 250       |
| F9026    | 6                 | 16  | .591/15              | .228/5.8  | .295/7.5 | .008/.2  | ERG4                 | 250       |
| F9027    | 6                 | 16  | .709/18              | .228/5.8  | .295/7.5 | .008/.2  | ERG4                 | 250       |
| F9028    | 6                 | 16  | .984/25              | .228/5.8  | .295/7.5 | .008/.2  | ERG4                 | 250       |
| F9029    | 6                 | 16  | 1.26/32              | .228/5.8  | .295/7.5 | .008/.2  | ERG4                 | 250       |
| F9030    | 4                 | 25  | .591/15              | .287/7.3  | .374/9.5 | .010/.25 | ERG4                 | 100       |
| F9031    | 4                 | 25  | .709/18              | .287/7.3  | .374/9.5 | .010/.25 | ERG4                 | 100       |
| F9032    | 4                 | 25  | .984/25              | .287/7.3  | .374/9.5 | .010/.25 | ERG4                 | 100       |
| F9033    | 4                 | 25  | 1.26/32              | .287/7.3  | .374/9.5 | .010/.25 | ERG4                 | 100       |
| F9034    | 2                 | 35  | .709/18              | .327/8.3  | .433/11  | .010/.25 | ERG4                 | 100       |
| F9035    | 2                 | 35  | .984/25              | .327/8.3  | .433/11  | .010/.25 | ERG4                 | 100       |
| F9036    | 2                 | 35  | 1.26/32              | .327/8.3  | .433/11  | .010/.25 | ERG4                 | 100       |
| F9037    | 1/0               | 50  | .709/18              | .406/10.3 | .512/13  | .012/.3  | TB5095, ERG4         | 100       |
| F9038    | 1/0               | 50  | .984/25              | .406/10.3 | .512/13  | .012/.3  | TB5095, ERG4         | 100       |
| F9039    | 1/0               | 50  | 1.18/30              | .406/10.3 | .512/13  | .012/.3  | TB5095, ERG4         | 100       |