

## Reel Smart™ CA-800EZ Applicator Crimp Die Selection Guide

| Crimp Die Part Number | Wire Range (AWG) | Reel Smart Part Number Prefix       | Initial CA-800 Setting | Crimp Shut Height (in. ±.004) | Solder Slug Dia. (in.) | Spare Part Number |              |            |
|-----------------------|------------------|-------------------------------------|------------------------|-------------------------------|------------------------|-------------------|--------------|------------|
|                       |                  |                                     |                        |                               |                        | Upper Die         | Cutter Punch | Lower Die  |
| CD-800-1              | 22-18            | PV, PN, PNF, DV-MB, DNF-M           | E5                     | 0.120                         | 0.188                  | TD13471C06        | TD13483C02   | TD17755B01 |
|                       |                  | DV-B                                | C5                     | 0.110                         |                        |                   |              |            |
|                       | 22-16            | BSN                                 | E5                     | 0.120                         |                        |                   |              |            |
|                       |                  | BSP                                 | E3                     | 0.120                         |                        |                   |              |            |
| CD-800-2              | 16-14            | PV, PN, PNF, DV-MB, DNF-M           | E5                     | 0.132                         | 0.188                  | TD13473C05        | TD13486C03   | TD17756B01 |
|                       |                  | DV-B                                | B5                     | 0.120                         |                        |                   |              |            |
|                       | 18-14            | BSN                                 | E5                     | 0.132                         |                        |                   |              |            |
|                       |                  | BSP                                 | E3                     | 0.132                         |                        |                   |              |            |
| CD-800-3              | 12-10            | PV, PN, PNF, DV, DNF-M              | E5                     | 0.175                         | 0.188                  | TD13475C06        | TD13489C02   | TD17757B01 |
|                       |                  | DV-M                                | C5                     | 0.167                         |                        |                   |              |            |
|                       | 14-10            | DV-C                                | E5                     | 0.175                         |                        |                   |              |            |
|                       |                  | 16-12                               | PV12, PN12             | E5                            |                        |                   |              |            |
| CD-800-4              | 22-18            | DNF-FIB, DNF-FIM, DNF-FIMB, DNF-LPB | E5                     | 0.102                         | 0.188                  | TD13833C06        | TD13505C02   | TD17758B01 |
| CD-800-5              | 16-14            | DNF-FIB, DNF-FIM, DNF-FIMB, DNF-LPB | E5                     | 0.108                         | 0.188                  | TD13634C05        | TD13508C02   | TD17759B01 |
| CD-800-6              | 22-18            | DNF-FIBX                            | F5                     | 0.102                         | 0.188                  | TD13652C04        | TD13499C02   | TD17760B01 |
| CD-800-7              | 22-18            | DNF-110FIB, DNF-111FIB, DNF-112FIB  | E5                     | 0.088                         | 0.125                  | TD13477C05        | TD13492C03   | TD17761B01 |
| CD-800-8              | 16-14            | DNF-FIBX, DNF-FIMX, DNF-LPBX        | F5                     | 0.108                         | 0.188                  | TD13481C06        | TD13502C03   | TD17762B01 |
|                       | 22-18            | DNF-FIMX                            | E5                     | 0.104                         |                        |                   |              |            |
| CD-800-9              | 22-14            | DNFR-FIB                            | E5                     | 0.071                         | 0.125                  | TD13479C05        | TD13495C02   | TD17763B01 |
| CD-800-10             | 22-18            | DPF-FIB, DPF-FIM, DPF-FIMB, DPF-LPB | F5                     | 0.106                         | 0.188                  | TD13633C06        | TD16233C02   | TD17758B01 |
| CD-800-11             | 16-14            | DPF-FIM, DPF-FIMB, DPF-FIB, DPF-LPB | G5                     | 0.116                         | 0.188                  | TD13634C05        | TD16243C01   | TD17759B01 |
| CD-800-12             | 22-18            | DPF-110FIB, DPF-111FIB              | E5                     | 0.088                         | 0.125                  | TD13477C05        | TD16235C02   | TD17761B01 |
| CD-800-13             | 12-10            | DNF-FIB, DPF-FIB                    | E5                     | 0.127                         | 0.188                  | TD19116C03        | TD19115C05   | TD19424B01 |
| CD-800-14             | 22-18            | DNG-FL                              | C3                     | 0.095                         | 0.125                  | TD22943C01        | TD22944C01   | TD22960B01 |
|                       | 16-14            | DNG-FL                              | F7                     | 0.109                         |                        |                   |              |            |
| CD-800-15             | 22-18            | DNG-FB                              | E5                     | 0.090                         | 0.188                  | TD22945C01        | TD22946C01   | TD22961B01 |
| CD-800-16             | 16-14            | DNG-FB                              | E5                     | 0.106                         | 0.188                  | TD22947C01        | TD22948C01   | TD22962B01 |
| CD-800-17             | 12-10            | BSN                                 | E5                     | 0.172                         | 0.188                  | TD23601C01        | TD23600C01   | TD23612B01 |
| CD-800-18             | 12-10            | DNF-FIMB                            | E5                     | 0.175                         | 0.188                  | TD13475C06        | TD23773C01   | TD17757B01 |

Refer to CA800 Operation Manual No. PA19651A02 for additional instructions regarding changing crimp dies, dial settings, and shut height adjustments.

# ReelSmart™ CA-800EZ Applicator Crimp Die Selection Guide

## For Metric Terminals

| Crimp Die Part Number | Wire Range (mm <sup>2</sup> ) | Reel Smart Part Number Prefix              | Initial CA-800 Setting | Crimp Shut Height (mm ±.10) | Solder Slug Dia. (mm) | Spare Parts |              |            |
|-----------------------|-------------------------------|--|------------------------|-----------------------------|-----------------------|-------------|--------------|------------|
|                       |                               |  |                        |                             |                       | Upper Die   | Cutter Punch | Lower Die  |
| CD-800-1              | 0,5 - 1,0                     | PMV, PMN, PMNF, DMV-MB, DMNF-M, BSMN,BSMP  | E5                     | 3,05                        | 4,78                  | TD13471C06  | TD13483C02   | TD17755B01 |
|                       |                               | DMV-B                                      | C5                     | 2,79                        |                       |             |              |            |
| CD-800-2              | 1,5 - 2,5                     | PMV, PMN, PMNF, DMNF-M, BSMP, DMV-MB, BSMN | E5                     | 3,35                        | 4,78                  | TD13473C05  | TD13486C03   | TD17756B01 |
|                       |                               | DMV-B                                      | B5                     | 3,05                        |                       |             |              |            |
| CD-800-3              | 4,0 - 6,0                     | PMV, PMN, PMNF                             | C5                     | 4,24                        | 4,78                  | TD13475C06  | TD13489C02   | TD17757B01 |
|                       |                               | DMV-M, DMNF-M                              | B5                     | 4,14                        |                       |             |              |            |
|                       |                               | DMV  | D5                     | 4,34                        |                       |             |              |            |
| CD-800-4              | 0,5 - 1,0                     | DMNF-FIM, DMNF-FIMB, DMNF-FIB              | E5                     | 2,59                        | 4,78                  | TD13833C06  | TD13505C02   | TD17758B01 |
| CD-800-5              | 1,5 - 2,5                     | DMNF-FIB, DMNF-FIM, DMNF-FIMB              | E5                     | 2,74                        | 4,78                  | TD13634C05  | TD13508C02   | TD17759B01 |
| CD-800-6              | 0,5 - 1,0                     | DMNF-FIBX                                  | F5                     | 2,59                        | 4,78                  | TD13652C04  | TD13499C02   | TD17760B01 |
| CD-800-7              | 0,5 - 1,0                     | DMNF-28AFIB, DMNF-28BFIB, DMNF-28CFIB      | E5                     | 2,24                        | 3,18                  | TD13477C05  | TD13492C03   | TD17761B01 |
| CD-800-8              | 0,5 - 1,0                     | DMNF-FIMX                                  | E5                     | 2,64                        | 4,78                  | TD13481C06  | TD13502C03   | TD17762B01 |
|                       | 1,5 - 2,5                     | DMNF-FIBX, DMNF-LPBX, DMNF-FIMX            | F5                     | 2,74                        |                       |             |              |            |
| CD-800-9              | 0,5 - 1,0                     | DMNFR-FIB                                  | E5                     | 1,80                        | 3,18                  | TD13479C05  | TD13495C02   | TD17763B01 |
|                       | 1,5 - 2,5                     | DMNFR-FIB                                  | E5                     | 1,80                        |                       |             |              |            |
| CD-800-10             | 0,5 - 1,0                     | DMPF-FIB, DMPF-FIM, DMPF-FIMB              | F5                     | 2,66                        | 4,78                  | TD13633C06  | TD16233C02   | TD17758B01 |
| CD-800-11             | 1,5 - 2,5                     | DMPF-FIB, DMPF-FIM, DMPF-FIMB              | G5                     | 2,95                        | 4,78                  | TD13634C05  | TD16243C01   | TD17759B01 |
| CD-800-12             | 0,5 - 1,0                     | DMPF-28AFIB, DMPF-28BFIB                   | D5                     | 2,13                        | 3,18                  | TD13477C05  | TD16235C02   | TD17761B01 |
| CD-800-13             | 4,0 - 6,0                     | DMNF-FIB, DMPF-FIB                         | E5                     | 3,23                        | 4,78                  | TD19116C03  | TD19115C05   | TD19424B01 |
| CD-800-14             | 0,5 - 1,0                     | DMNG-FL                                    | C3                     | 2,41                        | 3,18                  | TD22943C01  | TD22944C01   | TD22960B01 |
|                       | 1,5 - 2,5                     | DMNG-FL                                    | F7                     | 2,77                        |                       |             |              |            |
| CD-800-15             | 0,5 - 1,0                     | DMNG-FB                                    | E5                     | 2,29                        | 4,78                  | TD22945C01  | TD22946C01   | TD22961B01 |
| CD-800-16             | 1,5 - 2,5                     | DMNG-FB                                    | E5                     | 2,66                        | 4,78                  | TD22947C01  | TD22948C01   | TD22962B01 |
| CD-800-17             | 4,0 - 6,0                     | BSMN                                       | E5                     | 4,37                        | 4,78                  | TD23601C01  | TD23600C01   | TD23612B01 |

Refer to CA800 Operation Manual No. PA19651A02 for additional instructions regarding changing crimp dies, dial settings, and shut height adjustments.



## ReelSmart™ CA9 Applicator Crimp Die Selection Guide

| Crimp Die Part Number | Wire Range (AWG) | Reel Smart Part Number Prefix      | Initial CA9 Setting | Crimp Shut Height $\pm .004$ in. ( $\pm .10$ mm) | Solder Slug Dia. in. (mm) | Spare Part Number |              |                        |
|-----------------------|------------------|------------------------------------|---------------------|--|---------------------------|-------------------|--------------|------------------------|
|                       |                  |                                    |                     |  |                           | Upper Die         | Cutter Punch | Lower Die              |
| CD9-1A, B             | 22 - 18          | PV, PN, PNF, DV-MB, DNF-M          | E5                  | .120 (3.05)                                      | .188 (4.78)               | TD24129C01        | TD24139C01   | TD24149C01             |
|                       | 22 - 16          | BSN                                | E5                  |  |                           |                   |              |                        |
|                       | 22 - 18          | DV-B                               | C5                  |  |                           |                   |              |                        |
|                       | 22 - 16          | BSP                                | E3                  |  |                           |                   |              |                        |
| CD9-2A, B             | 16 - 14          | PV, PN, PNF, DV-MB, DNF-M          | E5                  | .132 (3.35)                                      | .188 (4.78)               | TD24130C01        | TD24140C01   | TD23712C01             |
|                       | 18 - 14          | BSN                                | E5                  |  |                           |                   |              |                        |
|                       | 16 - 14          | DV-B                               | B5                  |  |                           |                   |              |                        |
|                       | 18 - 14          | BSP                                | E3                  |  |                           |                   |              |                        |
| CD9-3B                | 12 - 10          | PV, PN, PNF, DV, DNF-M             | E5                  | .175 (4.45)                                      | .188 (4.78)               | TD24131C01        | TD24141C01   | TD23713C01             |
|                       | 14 - 10          | DV-C                               | E5                  |  |                           |                   |              |                        |
|                       | 16 - 12          | PV12, PN12                         | E5                  |  |                           |                   |              |                        |
|                       | 12 - 10          | DV-M                               | C5                  |  |                           |                   |              |                        |
| CD9-4A                | 22 - 18          | DNF-FIB, DNF-LPB                   | E5                  | .102 (2.59)                                      | .188 (4.78)               | TD24132C01        | TD24142C01   | TD24150C01             |
| CD9-4B                | 22 - 18          | DNF-FIM, DNF-FIMB                  |                     |  |                           |                   |              |                        |
| CD9-5A                | 16 - 14          | DNF-FIB, DNF-LPB                   | E5                  | .108 (2.74)                                      | .188 (4.78)               | TD24133C01        | TD24143C01   | TD24151C01             |
| CD9-5B                | 16 - 14          | DNF-FIM, DNF-FIMB                  |                     |  |                           |                   |              |                        |
| CD9-6B                | 22 - 18          | DNF-FIBX                           | F5                  | .102 (2.59)                                      | .188 (4.78)               | TD23700C01        | TD23683C01   | TD23716C01             |
| CD9-7A                | 22 - 18          | DNF-110FIB, DNF-111FIB, DNF-112FIB | E5                  | .088 (2.24)                                      | .125 (3.18)               | TD23701C02        | TD23684C01   | TD23717C01             |
| CD9-8B                | 16 - 14          | DNF-FIBX, DNF-LPBX                 | F5                  | .108 (2.74)                                      | .188 (4.78)               | TD23702C01        | TD23685C01   | TD23718C01             |
|                       | 22 - 18          | DNF-FIMX                           | E5                  | .104 (2.64)                                      |                           |                   |              |                        |
|                       | 16 - 14          | DNF-FIMX                           | F5                  | .108 (2.74)                                      |                           |                   |              |                        |
| CD9-9C                | 22 - 14          | DNFR-FIB                           | E5                  | .071 (1.80)                                      | .125 (3.18)               | TD23703C01        | TD23686C01   | TD23719C01             |
| CD9-10A               | 22 - 18          | DPF-FIB, DPF-LPB                   | F5                  | .106 (2.66)                                      | .188 (4.78)               | TD24132C01        | TD24144C01   | TD24150C01             |
| CD9-10B               | 22 - 18          | DPF-FIM, DPF-FIMB                  |                     |  |                           |                   |              |                        |
| CD9-11A               | 16 - 14          | DPF-FIB, DPF-LPB                   | G5                  | .116 (2.95)                                      | .188 (4.78)               | TD24133C01        | TD23688C01   | TD24151C01             |
| CD9-11B               | 16 - 14          | DPF-FIM, DPF-FIMB                  |                     |  |                           |                   |              |                        |
| CD9-12A               | 22 - 18          | DPF-110FIB, DPF-111FIB             | E5                  | .088 (2.24)                                      | .125 (3.18)               | TD23701C02        | TD23689C01   | TD23717C01             |
| CD9-13B               | 12 - 10          | DNF-FIB, DPF-FIB                   | E5                  | .127 (3.23)                                      | .188 (4.78)               | TD24134C01        | TD24145C01   | TD24152C01             |
| CD9-14A               | 22 - 18          | DNG-FL                             | C3                  | .095 (2.41)                                      | .125 (3.18)               | TD23705C01        | TD23691C01   | TD23721C01             |
|                       | 16 - 14          | DNG-FL                             | F7                  | .109 (2.77)                                      |                           |                   |              |                        |
| CD9-15A               | 22-18            | DNG-FB                             | E5                  | .090 (2.29)                                      | .188 (4.78)               | TD24135C01        | TD24146C01   | TD24153C01             |
| CD9-16A               | 16-14            | DNG-FB                             | E5                  | .106 (2.66)                                      | .188 (4.78)               | TD24136C01        | TD24147C01   | TD24154C01             |
| CD9-17B               | 12-10            | BSN                                | E5                  | .172 (4.37)                                      | .188 (4.78)               | TD24110C01        | TD24109C01   | TD24111C01, TD24112C01 |
| CD9-18B               | 12-10            | DNF-FIMB                           | E5                  | .175 (4.45)                                      | .188 (4.78)               | TD24131C01        | TD23766C01   | TD23713C01             |

Refer to CA9 Operation Manual No. PA23998A01 for additional instructions regarding changing crimp dies, dial settings, and shut height adjustments.

## ReelSmart™ CA10 Applicator Crimp Die Selection Guide

| Crimp Die Part Number | Wire Range |                 | Reel Smart Part Number Prefix | Initial CA10 Setting | Crimp Shut Height $\pm .004$ in. ( $\pm .10$ mm) | Spare Part Number |            |
|-----------------------|------------|-----------------|-------------------------------|----------------------|--|-------------------|------------|
|                       | AWG        | mm <sup>2</sup> |                               |                      |  | Upper Die         | Lower Die  |
| CD10-1                | 20         | 0,5             | FSD75, FS75                   | J                    | 0.037 (0.94)                                     | TD25390C01        | TD25392C01 |
|                       | 18         | 0,75            | FSD76, FD76                   | D                    | 0.046 (1.17)                                     |                   |            |
| CD10-2                | 18         | 1,0             | FSD77, FS77                   | D                    | 0.045 (1.14)                                     | TD25412C01        | TD25414C01 |
|                       | 16         | 1,5             | FSD78, FS78                   | U                    | 0.059 (1.50)                                     |                   |            |
| CD10-3                | 14         | 2,5             | FSD80, FS80                   | U                    | 0.068 (1.73)                                     | TD25419C01        | TD25420C01 |

Refer to CA10 Operation Manual No. PA25428A01 for additional instructions regarding changing crimp dies, dial settings, and shut height adjustments.

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