## **GCAP® ELECTRODES**



Phone: 888-654-9353 Fax: 937-253-2324 Email: sales@productionengineering.com

The CMW GCAP® electrode is the answer to welding galvanized steels. The GCAP's® revolutionary design, and precision manufacturing from CMW Engineering provides for no sticking from the very first weld. GCAP® electrode nuggets meet or exceed industry standards for high quality welds from the first weld through the life of the cap. This cap design made from R.W.M.A. class 2 material eliminates brass build-up by literally rolling the brass away. You will use

less electric power (up to 25% less) and still achieve superior welds due to GCAP® design. Productivity will increase with up to 10 times more welds without dressing.

For best use of CMW GCAPS, a stepper program is recommended. Consult CMW application engineering. U.S. Patent 49,954,687; 5,015,816; 5,126,528. Other patents pending.

## **CMW FEMALE GCAP® ELECTRODES** - See pages 12 for ALL DIMENSIONS MARKED WITH AN (\*) ARE COMMON TO EACH CAP IN A HORIZONTAL LINE. Shanks - See page 70 for suggested weld schedules OFFSET 30° STRAIGHT OFFSET OFFSET 15° Cap Taper RW #4 Ø.250 Ø.250 Ø.250 Diameter .500\* Ø.3945 Length 840\* A RWMA Class 2 MPGD244-3001 MPG244 MPGD244-1501 MPGD244 Cap Taper RW #5 Ø.250 Ø.4951 Ø.250 Diameter .625\* Ø.250 Length .880\* RWMA Class 2 MPG254 MPGD254 MPGD254-1501 MPGD254-3001 Cap Taper RW #5 Ø.313 Ø 313 Ø 4951 Diameter .625\* Ø.313 Length .880\* **RWMA Class 2** MPG255 MPGD255-1501 MPGD255-3001 Ø.375 Cap Taper RW #6 Ø.375 Ø.6255' Ø.375 Diameter .750\* Length 1.000\* Ø.375 RWMA Class 2 MPGD266-1501 MPGD266-3001 MPG266 MPGD266 **CMW MALE GCAP® ELECTRODES** - See pages 13 for ALL DIMENSIONS MARKED WITH AN (\*) ARE COMMON TO EACH CAP IN A HORIZONTAL LINE. Shanks - See page 70 for

## suggested weld schedules STRAIGHT OFFSET OFFSET 15° OFFSET 30° Ø.3745\* Cap Taper RW #4 Ø.250 Ø.2507 Ø.250 Diameter .500\* Ø.250 Length 1.125\* MGD244-1501<sup>)</sup> RWMA Class 2 MG244 MGD244 MGD244-3001 Ø 4145\* Cap Taper RW #5 Ø.250 Diameter .625\* Ø.250 Length 1.250\* Ø.250 390\* RWMA Class 2 MGD254-1501 MGD254-3001 MG254 MGD254 - Ø.4145\* Cap Taper RW #5 Ø.313 Ø.313 Diameter .625\* Ø.313 Length 1.250\* .390\* RWMA Class 2 MG255 MGD255 MGD255-1501 MGD255-3001 Ø.5005\* Cap Taper RW #6 Diameter .750\* Ø.375 Length 1.625\* Ø.375 Ø 375 .500\* RWMA Class 2 MGD266-3001 MG266 MGD266 MGD266-1501