

# GENERAL ORDER INFORMATION

## TOTAL-ORDER PRICES

Total all of the gages on your order (may be mixed sizes) to find the price of each size. **Example: if you have a total of more than ten gages on your order, use the price column under the heading "10-up" to price each gage, according to size.**

## GO/NO-GO SELECTION

All class "X" Deltronics have one tolerance (+ .000,040", minus nothing). When ordering for critical hole checking (tenths tolerance) select a No-Go diameter .0001" smaller than usual. Specify your Go Gage to take advantage of the maximum wear allowance. MIL-STD-120 allows 5-10% of total part tolerance as Go gage wear allowance (ordnance std. 5%). Deltronic's tenth step availability encourages selection of best Go size for maximum gage life. If hole is .2500", with a tolerance of +.001", minus nothing, add .0001 to Go size as wear allowance and order a .2501" Deltronic.

## \*BULK PACKAGING

To qualify for bulk packaging, the order must be for a minimum of ten gages of each size and include not less than 50 gages total. All the gages of one size are packaged together in clear plastic, with one certificate per size. Bulk packaging is ideal for production inspection requirements where quantities of each gage size are needed but where there is no use for individual box packaging gage certification. The lower per-gage cost for bulk packaging is shown on page 4.

In repetitive production gaging applications, it is usually possible to anticipate gage wear/life (i.e., the number of parts checked with the gage remaining in tolerance). At the end of the in-tolerance period, gages can be simply discarded and replaced with new members, thereby entirely bypassing the cost of cycle calibration. Here is a big potential additional savings in the use of these "Bulk Packaged" gages.



**BULK PACKAGING** Minimum 10 of a size in plastic bags, 50-gage minimum total bulk-package order.

# DELTRONIC

## SPLIT/MATE GAGE HANDLES

### "CONVERTIBLE" SINGLE-END OR DOUBLE-END GAGE HANDLES

#### IMPROVED GAGE HANDLING AND PROTECTION

Split/Mate gage handles on individual gages provide the means, as well as the encouragement, for proper gage handling.

#### QUICK MAKE-UP OF GO/NO-GO COMBINATIONS

When GO/NO-GO combinations are selected from gages equipped with Split/Mate gage handles, the two sizes can be mated in a typical GO/NO-GO handle configuration in a fraction of the time required by conventional handles.

This unusual flexibility can reduce the number of duplicate sizes needed where gages are otherwise locked-in to obsolete GO/NO-GO combinations in conventional handles.

Consider also that GO/NO-GO combinations in Split/Mate gage handles may be size labeled and sealed with Deltronic Tamper-Proof Calibration Labels to preserve their integrity on the job and to simplify calibration recycling.

#### PHYSICAL CONTROL/PROGRAMMING OF GAGE WEAR/CALIBRATION

The Split/Mate handles provide an unusually effective physical means of calibration programming each gage to reduce calibration costs, maintain accuracy-in-use and fully utilize the gage's useful-life potential.

Reversible plug gages, without handles, are subject to random use and wear of both ends. The physical presence of the Split/Mate gage handle on a gage makes it possible to limit use to one end, which can be effectively controlled by calibration cycling for guaranteed accuracy during use.



| SPLIT/MATE HANDLE & BUSHING<br>(specify RED or GREEN cap) |                |       | THREADED<br>COUPLER |
|---|----------------|-------|---------------------|
| SIZE  | RANGE          | PRICE | PRICE               |
| 1W-SM   | .000" - .075"  | 5.60  | 1.20                |
| 2W-SM   | .075" - .180"  | 5.60  | 1.20                |
| 3W-SM   | .180" - .281"  | 6.40  | 1.20                |
| 4W-SM   | .281" - .406"  | 7.80  | 1.20                |
| 5W-SM   | .406" - .510"  | 9.20  | 1.20                |
| 6W-SM   | .510" - .635"  | 12.20 | 1.80                |
| 7W-SM   | .635" - .760"  | 14.60 | 1.80                |
| 8W-SM   | .760" - 1.012" | 21.60 | 2.20                |

\*SPLIT/MATE HANDLES CANNOT BE MARKED

## BUSHINGS: SIZE AND PRICE CHART

Note: 2 bushings are included in price of each AGD handle. 1 bushing is included in price of each Split/Mate handle. (Be sure to specify bushing sizes needed with each handle ordered.)

| INCH                         |               | METRIC         |            | INCH           |             | METRIC                       |               | INCH           |            | METRIC                       |               | INCH                         |               | METRIC         |               | INCH                         |               | METRIC         |               |                              |               |  |  |
|------------------------------|---------------|----------------|------------|----------------|-------------|------------------------------|---------------|----------------|------------|------------------------------|---------------|------------------------------|---------------|----------------|---------------|------------------------------|---------------|----------------|---------------|------------------------------|---------------|--|--|
| Bushing Number               | Size Range    | Bushing Number | Size Range | Bushing Number | Size Range  | Bushing Number               | Size Range    | Bushing Number | Size Range | Bushing Number               | Size Range    | Bushing Number               | Size Range    | Bushing Number | Size Range    | Bushing Number               | Size Range    | Bushing Number | Size Range    |                              |               |  |  |
| 1W 010                       | 0 - 0.010     | 0 - 0.25       | 2W 082     | 0.075 - 0.082  | 1.91 - 2.08 | 3W 188                       | 0.180 - 0.188 | 4.57 - 4.78    | 4W 291     | 0.281 - 0.291                | 7.14 - 7.39   | 5W 420                       | 0.406 - 0.420 | 10.31 - 10.67  | 7W 656        | 0.635 - 0.656                | 16.13 - 16.66 |                |               |                              |               |  |  |
| 015                          | 0.010 - 0.015 | 0.25 - 0.38    | 089        | 0.082 - 0.089  | 2.08 - 2.26 | 196                          | 0.188 - 0.196 | 4.78 - 4.98    | 301        | 0.291 - 0.301                | 7.39 - 7.65   | 435                          | 0.420 - 0.435 | 10.67 - 11.05  | 672           | 0.656 - 0.672                | 16.66 - 17.07 |                |               |                              |               |  |  |
| 020                          | 0.015 - 0.020 | 0.38 - 0.51    | 096        | 0.089 - 0.096  | 2.26 - 2.44 | 204                          | 0.196 - 0.204 | 4.98 - 5.18    | 311        | 0.301 - 0.311                | 7.65 - 7.90   | 450                          | 0.435 - 0.450 | 11.05 - 11.43  | 688           | 0.672 - 0.688                | 17.07 - 17.48 |                |               |                              |               |  |  |
| 025                          | 0.020 - 0.025 | 0.51 - 0.64    | 103        | 0.096 - 0.103  | 2.44 - 2.62 | 212                          | 0.204 - 0.212 | 5.18 - 5.38    | 321        | 0.311 - 0.321                | 7.90 - 8.15   | 465                          | 0.450 - 0.465 | 11.43 - 11.81  | 704           | 0.688 - 0.704                | 17.48 - 17.88 |                |               |                              |               |  |  |
| 030                          | 0.025 - 0.030 | 0.64 - 0.76    | 110        | 0.103 - 0.110  | 2.62 - 2.79 | 220                          | 0.212 - 0.220 | 5.38 - 5.59    | 331        | 0.321 - 0.331                | 8.15 - 8.41   | 480                          | 0.465 - 0.480 | 11.81 - 12.19  | 719           | 0.704 - 0.719                | 17.88 - 18.26 |                |               |                              |               |  |  |
| 035                          | 0.030 - 0.035 | 0.76 - 0.89    | 117        | 0.110 - 0.117  | 2.79 - 2.97 | 228                          | 0.220 - 0.228 | 5.59 - 5.79    | 341        | 0.331 - 0.341                | 8.41 - 8.66   | 495                          | 0.480 - 0.495 | 12.19 - 12.57  | 735           | 0.719 - 0.735                | 18.26 - 18.67 |                |               |                              |               |  |  |
| 040                          | 0.035 - 0.040 | 0.89 - 1.02    | 124        | 0.117 - 0.124  | 2.97 - 3.15 | 236                          | 0.228 - 0.236 | 5.79 - 5.99    | 351        | 0.341 - 0.351                | 8.66 - 8.92   | 510                          | 0.495 - 0.510 | 12.57 - 12.95  | 750           | 0.735 - 0.750                | 18.67 - 19.05 |                |               |                              |               |  |  |
| 045                          | 0.040 - 0.045 | 1.02 - 1.14    | 131        | 0.124 - 0.131  | 3.15 - 3.33 | 244                          | 0.236 - 0.244 | 5.99 - 6.20    | 361        | 0.351 - 0.361                | 8.92 - 9.17   | <b>PRICE OF ABOVE \$1.20</b> |               |                |               | 760                          | 0.750 - 0.760 | 19.05 - 19.30  |               |                              |               |  |  |
| 050                          | 0.045 - 0.050 | 1.14 - 1.27    | 138        | 0.131 - 0.138  | 3.33 - 3.51 | 252                          | 0.244 - 0.252 | 6.20 - 6.40    | 371        | 0.361 - 0.371                | 9.17 - 9.42   | <b>PRICE OF ABOVE \$1.80</b> |               |                |               |                              |               |                |               |                              |               |  |  |
| 055                          | 0.050 - 0.055 | 1.27 - 1.40    | 145        | 0.138 - 0.145  | 3.51 - 3.68 | 261                          | 0.252 - 0.261 | 6.40 - 6.63    | 382        | 0.371 - 0.382                | 9.42 - 9.70   | 6W 532                       | 0.510 - 0.532 | 12.95 - 13.51  | 8W 781        | 0.760 - 0.781                | 19.30 - 19.84 |                |               |                              |               |  |  |
| 060                          | 0.055 - 0.060 | 1.40 - 1.52    | 152        | 0.145 - 0.152  | 3.68 - 3.86 | 271                          | 0.261 - 0.271 | 6.63 - 6.88    | 394        | 0.382 - 0.394                | 9.70 - 10.01  | 547                          | 0.532 - 0.547 | 13.51 - 13.89  | 812           | 0.781 - 0.812                | 19.84 - 20.62 |                |               |                              |               |  |  |
| 065                          | 0.060 - 0.065 | 1.52 - 1.65    | 159        | 0.152 - 0.159  | 3.86 - 4.04 | 281                          | 0.271 - 0.281 | 6.88 - 7.14    | 406        | 0.394 - 0.406                | 10.01 - 10.31 | 563                          | 0.547 - 0.563 | 13.89 - 14.30  | 843           | 0.812 - 0.843                | 20.62 - 21.41 |                |               |                              |               |  |  |
| 070                          | 0.065 - 0.070 | 1.65 - 1.78    | 166        | 0.159 - 0.166  | 4.04 - 4.22 | <b>PRICE OF ABOVE \$1.20</b> |               |                |            | <b>PRICE OF ABOVE \$1.20</b> |               |                              |               | 579            | 0.563 - 0.579 | 14.30 - 14.71                | 875           | 0.843 - 0.875  | 21.41 - 22.23 |                              |               |  |  |
| 075                          | 0.070 - 0.075 | 1.78 - 1.91    | 173        | 0.166 - 0.173  | 4.22 - 4.39 | <b>PRICE OF ABOVE \$1.20</b> |               |                |            | <b>PRICE OF ABOVE \$1.20</b> |               |                              |               | 594            | 0.579 - 0.594 | 14.71 - 15.09                | 906           | 0.875 - 0.906  | 22.23 - 23.01 |                              |               |  |  |
| <b>PRICE OF ABOVE \$1.20</b> |               |                | 180        | 0.173 - 0.180  | 4.39 - 4.57 | <b>PRICE OF ABOVE \$1.20</b> |               |                |            | <b>PRICE OF ABOVE \$1.20</b> |               |                              |               | 610            | 0.594 - 0.610 | 15.09 - 15.49                | 937           | 0.906 - 0.937  | 23.01 - 23.80 |                              |               |  |  |
| <b>PRICE OF ABOVE \$1.20</b> |               |                |            |                |             |                              |               |                |            |                              |               |                              |               |                |               | 625                          | 0.610 - 0.625 | 15.49 - 15.88  | 968           | 0.937 - 0.968                | 23.80 - 24.59 |  |  |
| <b>PRICE OF ABOVE \$1.20</b> |               |                |            |                |             |                              |               |                |            |                              |               |                              |               |                |               | 635                          | 0.625 - 0.635 | 15.88 - 16.13  | 1000          | 0.968 - 1.012                | 24.59 - 25.70 |  |  |
| <b>PRICE OF ABOVE \$1.20</b> |               |                |            |                |             |                              |               |                |            |                              |               |                              |               |                |               | <b>PRICE OF ABOVE \$1.80</b> |               |                |               | <b>PRICE OF ABOVE \$2.20</b> |               |  |  |