




■ DRZ (Drilling Depth : 3 x D) Metric Dimension with Inch Shank

● Toolholder Dimension

| Description       | Stock | No. of Insert | Dimension (inch)  |      |      |      |      |      |            | Max. Offset (Radial) | Spare Parts   |   |   | Applicable Inserts<br>➔ Page 6 |         |         |
|-------------------|-------|---------------|-------------------|------|------|------|------|------|------------|----------------------|---|---|---|--------------------------------|---------|---------|
|                   |       |               | ØD                | L1   | L2   | L3   | Ød   | Ød1  | Rc         |                      | Insert Screw  | Wrench  | Plug  |                                |         |         |
|                   |       |               |                   |      |      |      |      |      |            |                      |  |  |  |                                |         |         |
| S100 -DRZ2781-10G | ●     | 2             | 1.063<br>(27.0mm) | 6.81 | 4.49 | 3.19 | 1.00 | 1.65 | 1/4<br>NPT | + 0.098              | SB-4085TR   | DT-15   | GP-1N   | ZCMT10T304<br>ZCMT10T304SP     |         |         |
| -DRZ2884-10G      | ●     |               | 1.102<br>(28.0mm) | 6.92 | 4.60 | 3.31 |      |      |            |                      |   |   |   |                                | 1.65    | + 0.087 |
| -DRZ2987-10G      | ●     |               | 1.142<br>(29.0mm) | 7.04 | 4.72 | 3.43 |      |      |            |                      |   |   |   |                                | 1.65    | + 0.079 |
| -DRZ3090-10G      | ●     |               | 1.181<br>(30.0mm) | 7.12 | 4.80 | 3.54 |      |      |            |                      |   |   |   |                                | 1.77    | + 0.067 |
| -DRZ3193-10G      | ●     |               | 1.220<br>(31.0mm) | 7.22 | 4.89 | 3.66 |      |      |            |                      |   |   |   |                                | 1.77    | + 0.059 |
| -DRZ3296-10G      | ●     |               | 1.260<br>(32.0mm) | 7.36 | 5.04 | 3.78 |      |      |            |                      |   |   |   |                                | 1.77    | + 0.047 |
| S125 -DRZ3399-12G | ●     | 2             | 1.299<br>(33.0mm) | 8.00 | 5.28 | 3.90 | 1.25 | 2.17 | 1/4<br>NPT | + 0.114              | SB-5085TR   | DT-20   | GP-2N   | ZCMT12T306<br>ZCMT12T304SP     |         |         |
| -DRZ34102-12G     | ●     |               | 1.338<br>(34.0mm) | 8.15 | 5.44 | 4.02 |      |      |            |                      |   |   |   |                                | + 0.106 |         |
| -DRZ35105-12G     | ●     |               | 1.378<br>(35.0mm) | 8.24 | 5.53 | 4.13 |      |      |            |                      |   |   |   |                                | + 0.094 |         |
| -DRZ36108-12G     | ●     |               | 1.418<br>(36.0mm) | 8.37 | 5.65 | 4.25 |      |      |            |                      |   |   |   |                                | + 0.087 |         |
| -DRZ37111-12G     | ●     |               | 1.457<br>(37.0mm) | 8.46 | 5.74 | 4.37 |      |      |            |                      |   |   |   |                                | + 0.075 |         |
| -DRZ38114-12G     | ●     |               | 1.496<br>(38.0mm) | 8.57 | 5.85 | 4.49 |      |      |            |                      |   |   |   |                                | + 0.067 |         |
| -DRZ39117-12G     | ●     |               | 1.535<br>(39.0mm) | 8.69 | 5.97 | 4.61 |      |      |            |                      |   |   |   |                                | + 0.055 |         |
| -DRZ40120-12G     | ●     |               | 1.575<br>(40.0mm) | 8.74 | 6.03 | 4.72 |      |      |            |                      |   |   |   |                                | + 0.047 |         |
| -DRZ41123-15G     | ●     | 2             | 1.614<br>(41.0mm) | 8.83 | 6.11 | 4.84 | 1.25 | 2.17 | 1/4<br>NPT | + 0.157              | SB-5085TR   | DT-20   | GP-2N   | ZCMT150408<br>ZCMT150406SP     |         |         |
| -DRZ42126-15G     | ●     |               | 1.654<br>(42.0mm) | 8.93 | 6.21 | 4.96 |      |      |            |                      |   |   |   |                                | 2.17    | + 0.146 |
| -DRZ43129-15G     | ●     |               | 1.693<br>(43.0mm) | 9.07 | 6.35 | 5.08 |      |      |            |                      |   |   |   |                                | 2.17    | + 0.138 |
| -DRZ44132-15G     | ●     |               | 1.732<br>(44.0mm) | 9.18 | 6.47 | 5.20 |      |      |            |                      |   |   |   |                                | 2.17    | + 0.126 |
| -DRZ45135-15G     | ●     |               | 1.772<br>(45.0mm) | 9.22 | 6.51 | 5.32 |      |      |            |                      |   |   |   |                                | 2.17    | + 0.118 |
| -DRZ46138-15G     | ●     |               | 1.811<br>(46.0mm) | 9.47 | 6.75 | 5.43 |      |      |            |                      |   |   |   |                                | 2.36    | + 0.106 |
| -DRZ47141-15G     | ●     |               | 1.850<br>(47.0mm) | 9.65 | 6.93 | 5.55 |      |      |            |                      |   |   |   |                                | 2.36    | + 0.098 |
| -DRZ48144-15G     | ●     |               | 1.890<br>(48.0mm) | 9.74 | 7.03 | 5.67 |      |      |            |                      |   |   |   |                                | 2.36    | + 0.087 |
| -DRZ49147-15G     | ●     |               | 1.929<br>(49.0mm) | 9.86 | 7.15 | 5.79 |      |      |            |                      |   |   |   |                                | 2.36    | + 0.079 |
| -DRZ50150-15G     | ●     |               | 1.968<br>(50.0mm) | 9.88 | 7.17 | 5.91 |      |      |            |                      |   |   |   |                                | 2.36    | + 0.067 |

- When offset machining, reduce feed rate to .003ipr or less
- See ➔ Page 77 for Adjustable Sleeve ASL.

- : Stock Standard
- : World Express

Recommended Cutting Conditions ➔ Page 19



Magic Drill DRZ

Drilling