

# B and AB TYPES



# Royal

## PERFORATORS/CORE PIN BLANKS

Ideal for tight center to center spacing in dies and molds  
M-2 HIGH SPEED STEEL, 60-63 RC

PRECISION FORM-GROUND

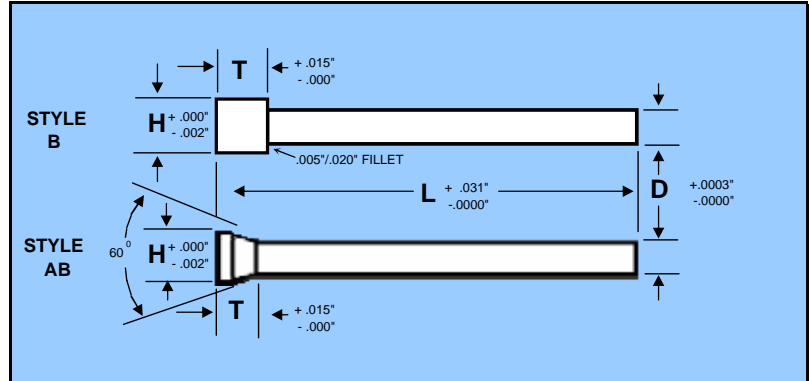
DIAMETERS IN .001" INCREMENTS

The following fractional diameters are included in the .001" increment price tables below: 1/32, 3/64, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 9/32, 5/16, & 3/8.

1-1/2", 2", 2-1/2", 3", 3-1/2", and 4" Lengths

TYPE B: STANDARD

TYPE AB: NON-STANDARD. CAN BE MADE TO ORDER FOR PROMPT DELIVERY IN THE SAME LENGTHS AND DIAMETER RANGES AS TYPE B. SAME PRICING APPLIES



| HOW TO ORDER: EXAMPLES |         |      |   |        |
|------------------------|---------|------|---|--------|
| Qty                    | Cat No. | Dia. | X | Length |
| 25                     | AB-4    | .078 | X | 2-1/2  |
| 60                     | B-17    | .269 | X | 3      |

| Catalog No. |        | D                          | H         | T          | L               |   |       |   |       | NET PRICE EACH PER QUANTITY |       |       |       |      |      | ML                              |                            |
|-------------|--------|----------------------------|-----------|------------|-----------------|---|-------|---|-------|-----------------------------|-------|-------|-------|------|------|---------------------------------|----------------------------|
| AB TYPE     | B TYPE | BODY DIA. .001" INCREMENTS | HEAD DIA. | HEAD THICK | OVERALL LENGTHS |   |       |   |       | 100                         | 50-99 | 25-49 | 10-24 | 5-9  | 1-4  | MODIFY LENGTH ADD TO BASE PRICE |                            |
| 1/0         | 1/0    | .025 - .029                | .060      | 3/32       | 1-1/2           | 2 |       |   |       |                             | 3.45  | 3.70  | 3.92  | 4.32 | 4.92 | 5.72                            | PER QUOTE                  |
| 1           | 1      | .030 - .040                | .070      | 3/32       | 1-1/2           | 2 | 2-1/2 |   |       |                             | 3.12  | 3.34  | 3.55  | 3.90 | 4.45 | 5.38                            | \$0.20 EACH OR \$15.00 MIN |
| 2           | 2      | .041 - .055                | .085      | 3/32       |                 | 2 | 2-1/2 |   |       |                             | 2.99  | 3.16  | 3.40  | 3.74 | 4.25 | 5.05                            |                            |
| 3           | 3      | .056 - .070                | .100      | 3/32       |                 | 2 | 2-1/2 |   |       |                             | 2.80  | 2.96  | 3.13  | 3.45 | 3.92 | 4.71                            |                            |
| 4           | 4      | .071 - .085                | .115      | 3/32       |                 | 2 | 2-1/2 |   |       |                             |       |       |       |      |      |                                 |                            |
| 5           | 5      | .086 - .100                | .130      | 3/32       |                 | 2 | 2-1/2 | 3 |       |                             | 2.99  | 3.19  | 3.40  | 3.74 | 4.25 | 5.05                            |                            |
| 6           | 6      | .101 - .115                | .145      | 3/32       |                 | 2 | 2-1/2 | 3 |       |                             |       |       |       |      |      |                                 |                            |
| 7           | 7      | .116 - .130                | .160      | 3/32       |                 | 2 | 2-1/2 | 3 |       |                             | 3.19  | 3.38  | 3.60  | 3.98 | 4.52 | 5.31                            |                            |
| 8           | 8      | .131 - .145                | .175      | 3/32       |                 | 2 | 2-1/2 | 3 |       |                             |       |       |       |      |      |                                 |                            |
| 9           | 9      | .146 - .160                | .190      | 3/32       |                 | 2 | 2-1/2 | 3 |       |                             | 3.26  | 3.48  | 3.70  | 4.08 | 4.65 | 5.45                            |                            |
| 10          | 10     | .161 - .175                | .205      | 1/8        |                 |   | 2-1/2 | 3 |       |                             |       |       |       |      |      |                                 |                            |
| 11          | 11     | .176 - .190                | .220      | 1/8        |                 |   | 2-1/2 | 3 |       |                             | 3.45  | 3.64  | 3.90  | 4.31 | 4.92 | 5.72                            |                            |
| 12          | 12     | .191 - .205                | .235      | 1/8        |                 |   | 2-1/2 | 3 |       |                             |       |       |       |      |      |                                 |                            |
| 13          | 13     | .206 - .220                | .250      | 1/8        |                 |   | 2-1/2 | 3 |       |                             | 3.72  | 4.05  | 4.39  | 4.72 | 5.24 | 6.04                            |                            |
| 14          | 14     | .221 - .235                | .265      | 1/8        |                 |   | 2-1/2 | 3 |       |                             |       |       |       |      |      |                                 |                            |
| 15          | 15     | .236 - .250                | .280      | 1/8        |                 |   | 2-1/2 | 3 |       |                             | 3.92  | 4.25  | 4.61  | 4.97 | 5.51 | 6.31                            |                            |
| 16          | 16     | .251 - .265                | .295      | 1/8        |                 |   | 2-1/2 | 3 | 3-1/2 |                             |       |       |       |      |      |                                 |                            |
| 17          | 17     | .266 - .280                | .310      | 1/8        |                 |   |       | 3 | 3-1/2 |                             | 4.18  | 4.50  | 4.82  | 5.26 | 5.91 | 6.71                            |                            |
| 18          | 18     | .281 - .295                | .325      | 1/8        |                 |   |       | 3 | 3-1/2 |                             |       |       |       |      |      |                                 |                            |
| 19          | 19     | .296 - .310                | .340      | 1/8        |                 |   |       | 3 | 3-1/2 |                             | 4.39  | 4.70  | 5.04  | 5.49 | 6.18 | 6.84                            |                            |
| 20          | 20     | .311 - .325                | .355      | 3/16       |                 |   |       | 3 | 3-1/2 | 4                           |       |       |       |      |      |                                 |                            |
| 21          | 21     | .326 - .340                | .370      | 3/16       |                 |   |       | 3 | 3-1/2 | 4                           | 4.59  | 4.78  | 5.26  | 5.74 | 6.44 | 7.24                            |                            |
| 22          | 22     | .341 - .355                | .385      | 3/16       |                 |   |       | 3 | 3-1/2 | 4                           |       |       |       |      |      |                                 |                            |
| 23          | 23     | .356 - .370                | .400      | 3/16       |                 |   |       | 3 | 3-1/2 | 4                           | 4.78  | 4.98  | 5.47  | 5.96 | 6.71 | 7.51                            |                            |
| 24          | 24     | .371 - .385                | .415      | 3/16       |                 |   |       | 3 | 3-1/2 | 4                           |       |       |       |      |      |                                 |                            |

| QUANTITY DISCOUNTS                                   |  |
|--|--|
| Based on one size, one shipment, and one destination |  |
| Over 300 Pieces ..... Call For Pricing               |  |

| CUSTOM MODIFICATIONS PRICE AND DELIVERY PER QUANTITY | The following are some of the modifications which can be made to this product. Please refer to page 1 for more information on ordering this product with these modifications or use the worksheet templates provided on pages 25-28 |    |    |    |    |    |    |     |    |    |                 |
|--|---|----|----|----|----|----|----|-----|----|----|-----------------|
|  | ML*   | CL | MT | CT | MH | PS | CS | CSD | PN | SR | COATINGS        |
|  |   |    |    |    |    |    |    |     |    |    | TiN<br>Diconite |

\* ML Modification is priced in price table above