

## Pipe Dies

### 00-R, 11-R, 12-R, 0-R, Ratchet Threaders or 30A, 31A 3-Way Pipe Threaders



| Die Material or Type                            | Catalog No.                          |        |        |        |        |       |        |        |       |
|-------------------------------------------------|--------------------------------------|--------|--------|--------|--------|-------|--------|--------|-------|
|                                                 | Nominal Pipe Size – Threads Per Inch |        |        |        |        |       |        |        |       |
|                                                 | 1/8-27                               | 1/4-18 | 3/8-18 | 1/2-14 | 3/4-14 | 1-11½ | 1¼-11½ | 1½-11½ | 2-11½ |
| <b>(NPT) National Pipe Taper</b>                |                                      |        |        |        |        |       |        |        |       |
| Alloy RH                                        | 37810                                | 37815  | 37820  | 37825  | 37830  | 37835 | 37840  | 37845  | 37850 |
| High-Speed RH                                   | 37855                                | 37860  | 37865  | 37870  | 37875  | 37880 | 37885  | 37890  | 37895 |
| High-Speed LH                                   | –                                    | 38050  | 38055  | 38060  | 38065  | 38070 | 38075  | 38080  | 38085 |
| H.S. For Stainless Steel RH                     | 37900                                | 37905  | 37910  | 37915  | 37920  | 37925 | 37930  | 37935  | 37940 |
| H.S. For PVC RH                                 | –                                    | –      | 70685  | 70690  | 70695  | 70700 | 70705  | 70710  | 70715 |
| HS Reversible RH*                               | –                                    | –      | –      | 49707  | 49712  | 49717 | 49722  | 49727  | –     |
| <b>(NPSM) National Pipe Straight Mechanical</b> |                                      |        |        |        |        |       |        |        |       |
| Alloy RH                                        | 37945                                | 37950  | 37955  | 37960  | 37965  | 37970 | 37975  | 37980  | 37985 |
| <b>(API) American Petroleum Institute***</b>    |                                      |        |        |        |        |       |        |        |       |
| High-Speed RH                                   |                                      |        | 70720  | 70725  | 70730  |       |        |        |       |
| <b>(BSPT) British Standard Pipe Taper**</b>     |                                      |        |        |        |        |       |        |        |       |
|                                                 | 1/8-28                               | 1/4-19 | 3/8-19 | 1/2-14 | 3/4-14 | 1-11  | 1¼-11  | 1½-11  | 2-11  |
| Alloy RH                                        | 66110                                | 66115  | 66120  | 66125  | 66130  | 66135 | 66140  | 66145  | 66150 |
| High-Speed RH                                   | 66310                                | 66315  | 66320  | 66325  | 66330  | 66335 | 66340  | 66345  | 66350 |
| High-Speed LH                                   | 66405                                | 66410  | 66415  | 66420  | 66425  | 66430 | 66435  | –      | 66445 |
| * HS Reversible RH                              | –                                    | –      | 56337  | 56342  | 56347  | 56352 | –      | –      | 56367 |
| * Requires British Die Head                     |                                      |        |        |        |        |       |        |        |       |
| <b>(BSP) British Standard Pipe Parallel**</b>   |                                      |        |        |        |        |       |        |        |       |
| Alloy RH                                        | 66190                                | 66195  | 66200  | 66205  | 66210  | 66215 | 66220  | 66225  | 66230 |

\* Dies can be reversed in die head for close to wall threading.

\*\* Requires British Die Head.

\*\*\* Requires API Die Head, see page 4.5

| ISO<br>International Standards Organization | Nominal Conduit Size in mm – Thread Pitch in mm |         |        |        |
|---------------------------------------------|-------------------------------------------------|---------|--------|--------|
|                                             | 20-1.5                                          | 25-1.52 | 32-1.5 | 40-1.5 |
| Alloy RH                                    | 85830                                           | 76305   | 85835  | 76315  |

Requires 11-R ISO Die Head, see page 4.6

| BEC<br>British Electrical Conduit (1) | Nominal Conduit Size – Threads Per Inch |        |        |       |       |       |  |  |
|---------------------------------------|-----------------------------------------|--------|--------|-------|-------|-------|--|--|
|                                       | 1/2-18                                  | 5/8-18 | 3/4-16 | 1-16  | 1¼-16 | 1½-14 |  |  |
| Alloy RH                              | 66155                                   | 66160  | 66165  | 66170 | 66175 | –     |  |  |

Requires 11-R BEC Die Head

## Bolt Threaders Button Dies

### 00-RB Ratchet Bolt Threaders, or 31B, 33B, 35B, 37B 3-Way Bolt Threaders

| Die Material or Type                 | Catalog No.                     |         |        |         |        |         |        |        |        |
|--------------------------------------|---------------------------------|---------|--------|---------|--------|---------|--------|--------|--------|
|                                      | Rod Diameter – Threads Per Inch |         |        |         |        |         |        |        |        |
| <b>(UNC) Unified National Course</b> | 1/4-20                          | 5/16-18 | 3/8-16 | 7/16-14 | 1/2-13 | 9/16-12 | 5/8-11 | 3/4-10 | 7/8-9  |
| Alloy RH                             | 38335                           | 38340   | 38345  | 38350   | 38355  | 38360   | 38365  | 38370  | 38375  |
| <b>(UNF) Unified National Fine</b>   | 1/4-28                          | 5/16-24 | 3/8-24 | 7/16-20 | 1/2-20 | 9/16-18 | 5/8-18 | 3/4-16 | 7/8-14 |
| Alloy RH                             | 38385                           | 38390   | 38395  | 38400   | 38405  | 38410   | 38415  | 38420  | 38425  |



See page 4.12

For 418 Oiler, see page 4.12.

