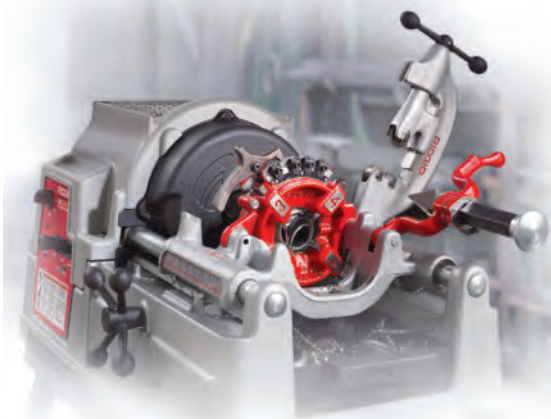


## Threading

- Dependable heavy duty machines for maximum up-time, superior quality threads and minimal threading time.
- Industry's widest selection of hand and power threading equipment.
- Manual "hammer" type chuck and "auto-chuck" models.



| Type                                    | No. of Models | Pipe Capacity (in.) | Page No.    |
|-----------------------------------------|---------------|---------------------|-------------|
| <b>Manual Ratchet Threaders</b>         |               |                     |             |
| Exposed Ratchet Threader Sets           | 12            | ½ - 2               | 4.3         |
| Enclosed Ratchet Threader Set           | 1             | ½ - 1¼              | 4.3         |
| Ratchet and Handle Only                 | 5             | —                   | 4.3         |
| Three-way Pipe Threaders                | 5             | ½ - 1               | 4.4         |
| Exposed Ratchet Bolt Threader           | 2             | ¼ - 1               | 4.4         |
| Carrying Case                           | 7             | —                   | 4.4         |
| Hand Threader Die Heads                 | —             | ⅛ - 12              | 4.5 - 4.6   |
| Manual Threader Pipe & Bolt Dies        | —             | ¼ - 2               | 4.7         |
| <b>Manual Receding Threaders</b>        |               |                     |             |
| Models 65R-C & 65R-TC                   | 6             | 1 - 2               | 4.8         |
| Pipe Dies for Geared Receding Threaders | 19            | 1 - 4               | 4.8         |
| Power Threading w/ Geared Threaders     | —             | —                   | 4.9         |
| Receding Geared Threader & Accessories  | —             | —                   | 4.10 - 4.11 |
| <b>Accessories</b>                      |               |                     |             |
| Thread Sealant                          | 2             | —                   | 4.11        |
| Cutting Oil                             | 12            | —                   | 4.12        |
| Oiler                                   | 4             | —                   | 4.12        |
| <b>Power Drives</b>                     |               |                     |             |
| Model 600-I                             | 2             | ⅛ - 1¼              | 4.13        |
| Model 690-I                             | 2             | ⅛ - 2               | 4.14        |
| Model 700                               | 2             | ⅛ - 2               | 4.15        |
| Model 300                               | 3             | ⅛ - 2               | 4.16        |
| <b>Threading Machines</b>               |               |                     |             |
| Model 300 Complete                      | 4             | ⅛ - 2               | 4.17        |
| Model 535A Threading Machine            | 3             | ⅛ - 2               | 4.18 - 4.19 |
| Model 535 Threading Machine             | 4             | ⅛ - 2               | 4.20 - 4.21 |
| Model 1215 Threading Machine            | 1             | ¼ - 1½              | 4.22        |
| Model 300 Compact Threading Machine     | 6             | ⅛ - 2               | 4.23        |
| Threader Stands                         | 5             | —                   | 4.24        |
| Optional Die Heads                      | 12            | ⅛ - 2               | 4.25        |
| Model 1224 Threading Machine            | 7             | ¼ - 4               | 4.26        |
| Stands & Die Heads for 1224             | —             | ¼ - 4               | 4.27        |
| Pipe Dies for Machine Die Heads         | —             | ⅛ - 2               | 4.28 - 4.30 |
| Nipple Chucks/Adapters                  | —             | —                   | 4.31        |

# THREADING

## Threader Selection

| Pipe Threads (inches)                                                                                                |                                                                                                                      |                                                                                                                      |                                                                                                                      | Bolt Threads                                                                                                          |                                                                                                                       |                                                                                                                                                                                             |                          | Model                                                                              |                                             | Page No.                             |
|----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|------------------------------------------------------------------------------------|---------------------------------------------|--------------------------------------|
| NPT                                                                                                                  | BSPT                                                                                                                 | NPSM                                                                                                                 | BSPP                                                                                                                 | UNF                                                                                                                   | UNC                                                                                                                   | ACME                                                                                                                                                                                        |                          |                                                                                    |                                             |                                      |
| $\frac{1}{8}$ -1<br>$\frac{1}{8}$ -1 $\frac{1}{4}$<br>$\frac{1}{8}$ -2<br>$\frac{1}{2}$ -1                           | $\frac{1}{8}$ -1<br>$\frac{1}{8}$ -1 $\frac{1}{4}$<br>$\frac{1}{8}$ -2<br>$\frac{1}{2}$ -1                           | $\frac{1}{8}$ -1<br>$\frac{1}{8}$ -1 $\frac{1}{4}$<br>$\frac{1}{2}$ -2<br>$\frac{1}{2}$ -1                           | —<br>$\frac{3}{8}$ -1<br>$\frac{1}{4}$ -2<br>$\frac{1}{2}$ -1                                                        | $\frac{1}{4}$ -1<br>—<br>—<br>—                                                                                       | $\frac{1}{4}$ -1<br>—<br>—<br>—                                                                                       | —<br>—<br>—<br>—                                                                                                                                                                            | Manual Ratchet Threaders |  | 00-RB<br>11-R<br>12-R<br>31-A Series*       | 4.4<br>4.3<br>4.3<br>4.3             |
| 1-2<br>2 $\frac{1}{2}$ -4<br>4-6                                                                                     | 1-2<br>2 $\frac{1}{2}$ -4<br>4-6                                                                                     | —<br>—<br>—                                                                                                          | —<br>—<br>—                                                                                                          | —<br>—<br>—                                                                                                           | —<br>—<br>—                                                                                                           | —<br>—<br>—                                                                                                                                                                                 | Receding Threaders       |  | 65-R<br>141<br>161                          | 4.8<br>4.10<br>4.10                  |
| $\frac{1}{8}$ -1 $\frac{1}{4}$<br>$\frac{1}{8}$ -2<br>$\frac{1}{8}$ -2<br>$\frac{1}{8}$ -2                           | $\frac{1}{8}$ -1 $\frac{1}{4}$<br>$\frac{1}{8}$ -2<br>$\frac{1}{8}$ -2<br>$\frac{1}{8}$ -2                           | $\frac{1}{8}$ -1 $\frac{1}{4}$<br>$\frac{1}{2}$ -2<br>$\frac{1}{8}$ -2<br>$\frac{1}{8}$ -2                           | $\frac{3}{8}$ -1<br>$\frac{1}{4}$ -2<br>$\frac{1}{4}$ -2<br>$\frac{1}{4}$ -2                                         | —<br>—<br>$\frac{1}{4}$ -1<br>$\frac{1}{4}$ -2                                                                        | —<br>—<br>$\frac{1}{4}$ -1<br>$\frac{1}{4}$ -2                                                                        | —<br>—<br>—<br>$\frac{3}{4}$ -1 $\frac{1}{2}$                                                                                                                                               | Power Drives             |  | 600-I<br>690-I<br>700<br>300                | 4.13<br>4.14<br>4.15<br>4.16         |
| $\frac{1}{8}$ -2<br>$\frac{1}{8}$ -2<br>$\frac{1}{8}$ -2<br>$\frac{1}{8}$ -2<br>$\frac{1}{8}$ -2<br>$\frac{1}{4}$ -4 | $\frac{1}{8}$ -2<br>$\frac{1}{8}$ -2<br>$\frac{1}{8}$ -2<br>$\frac{1}{8}$ -2<br>$\frac{1}{8}$ -2<br>$\frac{1}{4}$ -4 | $\frac{1}{8}$ -2<br>$\frac{1}{8}$ -2<br>$\frac{1}{8}$ -2<br>$\frac{1}{8}$ -2<br>$\frac{1}{8}$ -2<br>$\frac{1}{8}$ -2 | $\frac{1}{4}$ -2<br>$\frac{1}{4}$ -2<br>$\frac{1}{4}$ -2<br>$\frac{1}{4}$ -2<br>$\frac{1}{4}$ -2<br>$\frac{1}{4}$ -2 | $\frac{1}{4}$ -2<br>$\frac{5}{16}$ -2<br>$\frac{1}{4}$ -2<br>$\frac{1}{4}$ -2<br>$\frac{1}{4}$ -2<br>$\frac{1}{4}$ -2 | $\frac{1}{4}$ -2<br>$\frac{5}{16}$ -2<br>$\frac{1}{4}$ -2<br>$\frac{1}{4}$ -2<br>$\frac{1}{4}$ -2<br>$\frac{1}{4}$ -2 | $\frac{3}{4}$ -1 $\frac{1}{2}$<br>$\frac{5}{16}$ -2<br>$\frac{3}{4}$ -1 $\frac{1}{2}$<br>$\frac{3}{4}$ -1 $\frac{1}{2}$<br>$\frac{3}{4}$ -1 $\frac{1}{2}$<br>$\frac{3}{4}$ -1 $\frac{1}{2}$ | Threading Machines       |  | 300 Compact<br>535-A<br>535<br>1215<br>1224 | 4.23<br>4.18<br>4.20<br>4.22<br>4.28 |

\* Standard configuration but can use any 12-R dies.

# Manual Ratchet Threaders

All matched Threader/Sets include Die Heads, Ratchet Assembly, Ratchet Handle and Alloy Dies. All Threader Sets use same 12-R Dies in Die Head.

## Exposed Ratchet Threader Sets

- Model 00-R: Capacity 1/8" - 1" without carrying case.
- Model 12-R: Capacity 1/8" - 2" with carrying case.



| Catalog No. | Model No. | Description | Die Heads Include |         | Weight |      |
|-------------|-----------|-------------|-------------------|---------|--------|------|
|             |           |             | in.               | mm      | lb.    | kg   |
| 36345       | 00-R      | NPT         | 1/2 - 1           | 12 - 25 | 10     | 4.5  |
| 36355       | 00-R      | NPT         | 3/8 - 1           | 10 - 25 | 11 1/4 | 5.1  |
| 36375       | 00-R      | NPT         | 1/8 - 1           | 3 - 25  | 13 3/4 | 6.2  |
| 36480       | 12-R      | NPT         | 1/2 - 1 1/4       | 12 - 32 | 23 3/4 | 10.8 |
| 36475       | 12-R      | NPT         | 1/2 - 2           | 12 - 50 | 34 3/4 | 15.8 |
| 36505       | 12-R      | NPT         | 1/8 - 2           | 3 - 50  | 45 1/2 | 20.7 |
| 55207       | 12-R*     | NPT         | 1/2 - 2           | 12 - 50 | 35 1/2 | 16.1 |
| 36380       | 00-R      | NPSM        | 1/2 - 1           | 12 - 25 | 10     | 4.5  |
| 36510       | 12-R      | NPSM        | 1/2 - 2           | 12 - 50 | 34 3/4 | 15.8 |
| 65175       | 00-R      | BSPT        | 1/2 - 1           | 12 - 25 | 10     | 4.5  |
| 65255       | 12-R      | BSPT        | 1/2 - 2           | 3 - 50  | 34 3/4 | 15.8 |
| 65285       | 12-R      | BSPT        | 1/8 - 2           | 3 - 50  | 45 1/2 | 20.7 |

\*For plastic-coated pipe



Model 11-R

## Enclosed Ratchet Threader Set

- No 11-R capacity: 1/8" - 1 1/4".

| Catalog No. | Model No. | Description | Die Heads Include |         | Weight |     |
|-------------|-----------|-------------|-------------------|---------|--------|-----|
|             |           |             | in.               | mm      | lb.    | kg  |
| 36390       | 11-R      | NPT         | 1/2 - 1 1/4       | 12 - 32 | 16     | 7.3 |



## Ratchet & Handle Only

- Ratchet knob indicates forward and reverse.
- Die heads snap in from both sides and lock in place.

| Catalog No. | Model No.    | Description           |
|-------------|--------------|-----------------------|
| 38540       | 00-RB & 00-R | Ratchet & Handle Only |
| 37777       | 11-R         | Ratchet & Handle Only |
| 38550       | 111-R        | Ratchet & Handle Only |
| 30118       | 12-R         | Ratchet & Handle Only |
| 38535       | 0-R          | Ratchet & Handle Only |



See page 4.12

## Manual Ratchet Threaders



### Three-Way Pipe Threaders

Each model cuts three thread sizes and uses 12-R ratchet threader dies.

| Catalog No. | Model No. | Capacity |         | Dies Used                               | Weight |     |
|-------------|-----------|----------|---------|-----------------------------------------|--------|-----|
|             |           | in.      | mm      |                                         | lb.    | kg  |
| 36540       | 31-A NPT  | 1/2 - 1  | 12 - 25 | RH Alloy - NPT                          | 10     | 4.6 |
| 36550       | 31-A NPT  | 1/2 - 1  | 12 - 25 | RH High Speed - NPT                     | 10     | 4.6 |
| 36555       | 31-A NPT  | 1/2 - 1  | 12 - 25 | RH High Speed For Stainless Steel - NPT | 10     | 4.6 |
| 65320       | 31-A BSPT | 1/2 - 1  | 12 - 25 | RH Alloy BSPT                           | 10     | 4.6 |
| 36560       | 31-A NPSM | 1/2 - 1  | 12 - 25 | RH Alloy - NPSM                         | 10     | 4.6 |



### Exposed Ratchet Bolt Threader Sets

- No. 00-RB: Capacity 1/4"-1"
- All matched threader sets include button die heads, ratchet assembly (00-R) and ratchet handle. Button dies can be reversed to thread close to bolt shoulder or head.

| Catalog No. | Model No. | Description           | No. Die Heads Complete | Thread Type | Capacity Range |        | Weight |     |
|-------------|-----------|-----------------------|------------------------|-------------|----------------|--------|--------|-----|
|             |           |                       |                        |             | in.            | mm     | lb.    | kg  |
| 36680       | 00-RB     | Ratchet Bolt Threader | 10                     | UNC         | 1/4 - 1        | 6 - 25 | 20     | 9.1 |
| 36690       | 00-RB     | Ratchet Bolt Threader | 10                     | UNF         | 1/4 - 1        | 6 - 25 | 20     | 9.1 |

### Carrying Cases

- Helps keep die sets organized.



| Catalog No. | Description                    | Threader Type | Length |     | Width    |     | Height   |     | Weight |      |
|-------------|--------------------------------|---------------|--------|-----|----------|-----|----------|-----|--------|------|
|             |                                |               | in.    | mm  | in.      | mm  | in.      | mm  | lb.    | kg   |
| 38605       | Metal Case                     | 00-R          | 19 5/8 | 497 | 4 9/16   | 116 | 3 3/16   | 81  | 7 1/2  | 3.40 |
| 38610       | Metal Case                     | 00-RB         | 19 1/8 | 485 | 7 1/4    | 184 | 3 3/16   | 81  | 7 1/2  | 3.40 |
| 38615       | Metal Case                     | 111-R         | 25 5/8 | 650 | 4 2 1/32 | 118 | 6 7/32   | 158 | 7 3/4  | 3.51 |
| 38620       | Metal Case                     | 11-R          | 24 1/8 | 612 | 4 2 1/32 | 118 | 9 1 1/16 | 246 | 7 3/4  | 3.51 |
| 38625       | Metal Case (Holds 6 Die Heads) | 12-R          | 25 7/8 | 657 | 5        | 127 | 6 1/2    | 165 | 13     | 5.90 |
| 97375       | Metal Case (Holds 9 Die Heads) | 12-R          | 24 3/8 | 619 | 5        | 127 | 10       | 254 | 15     | 6.80 |
| 21218       | Plastic Case                   | 11R/12R       | 25     | 635 | 5        | 127 | 14       | 355 | 6      | 2.72 |

Note: Cases contain no die heads

# Die Heads

## Models 00-R, 12-R, 11-R & 00-RB



Selection: North American Standards

|                                    | Catalog No.             |                |               |                |               |               |               |               |            |            |
|------------------------------------|-------------------------|----------------|---------------|----------------|---------------|---------------|---------------|---------------|------------|------------|
|                                    | Nominal Pipe Size (in.) |                |               |                |               |               |               |               |            |            |
|                                    | 1/8                     | 1/4            | 3/8           | 1/2            | 3/4           | 1             | 1 1/4         | 1 1/2         | 2          |            |
| <b>Model No. 00-R</b>              |                         |                |               |                |               |               |               |               |            |            |
| <b>(NPT)</b>                       |                         |                |               |                |               |               |               |               |            |            |
| Alloy RH                           | 36875                   | 36880          | 36885         | 36890          | 36895         | 36900         | —             | —             | —          |            |
| High-Speed RH                      | 36935                   | 36940          | 36945         | 36950          | 36955         | 36960         | —             | —             | —          |            |
| High-Speed for Stainless Steel RH  | 36965                   | 36970          | 36975         | 36980          | 36985         | 36990         | —             | —             | —          |            |
| <b>(NPSM)</b>                      |                         |                |               |                |               |               |               |               |            |            |
| Alloy RH                           | 36995                   | 37000          | 37005         | 37010          | 37015         | 37020         | —             | —             | —          |            |
| API High-Speed                     | —                       | —              | 83435         | 68775          | 68780         | —             | —             | —             | —          |            |
| <b>Model No. 12-R</b>              |                         |                |               |                |               |               |               |               |            |            |
| <b>(NPT)</b>                       |                         |                |               |                |               |               |               |               |            |            |
| Alloy RH                           | 37375                   | 37380          | 37385         | 37390          | 37395         | 37400         | 37405         | 37410         | 37415      |            |
| High-Speed LH                      | —                       | —              | —             | 37435          | 37440         | 37445         | 37450         | 37455         | 37460      |            |
| High-Speed RH                      | 37465                   | 37470          | 37475         | 37480          | 37485         | 37490         | 37495         | 37500         | 37505      |            |
| High-Speed for Stainless Steel RH  | 37510                   | 37515          | 37520         | 37525          | 37530         | 37535         | 37540         | 37545         | 37550      |            |
| High-Speed for PVC RH              | —                       | 83450          | 83455         | 83460          | 83465         | 83470         | 83475         | 83480         | 83485      |            |
| High-Speed for Plastic Coated Pipe | —                       | —              | —             | 51857          | 51862         | 51867         | 51872         | 51877         | 51882      |            |
| Alloy for IMC RH                   | —                       | —              | —             | 92690          | 92695         | 92700         | 92705         | 92710         | 92715      |            |
| <b>(NPSM)</b>                      |                         |                |               |                |               |               |               |               |            |            |
| Alloy RH                           | 37555                   | 37560          | 37565         | 37570          | 37575         | 37580         | 37585         | 37590         | 37595      |            |
| <b>Model No. 11-R</b>              |                         |                |               |                |               |               |               |               |            |            |
| <b>(NPT)</b>                       |                         |                |               |                |               |               |               |               |            |            |
| Alloy RH                           | 37025                   | 37030          | 37035         | 37040          | 37045         | 37050         | 37055         | 20923         | 20943      |            |
| High-Speed RH                      | 37095                   | 37100          | 37105         | 37110          | 37115         | 37120         | 37125         | 20928         | 20948      |            |
| High-Speed for Stainless Steel RH  | 37130                   | 37135          | 37140         | 37145          | 37150         | 37155         | 37160         | 20933         | 20953      |            |
| <b>(NPSM)</b>                      |                         |                |               |                |               |               |               |               |            |            |
| Alloy RH                           | 37165                   | 37170          | 37175         | 37180          | 37185         | 37190         | 37195         | 20938         | 20958      |            |
| <b>Model No. 00-RB</b>             |                         |                |               |                |               |               |               |               |            |            |
|                                    | 1/4<br>20 TPI           | 5/16<br>18 TPI | 3/8<br>16 TPI | 7/16<br>14 TPI | 1/2<br>13 TPI | 5/8<br>12 TPI | 3/4<br>11 TPI | 7/8<br>10 TPI | 1<br>9 TPI | 1<br>8 TPI |
| <b>(UNC)</b>                       |                         |                |               |                |               |               |               |               |            |            |
| Alloy RH                           | 37610                   | 37615          | 37620         | 37625          | 37630         | 37635         | 37640         | 37645         | 37650      | 37655      |
| Alloy LH                           | —                       | —              | —             | 37675          | —             | —             | —             | 37695         | —          | —          |
| <b>(UNF)</b>                       |                         |                |               |                |               |               |               |               |            |            |
|                                    | 28 TPI                  | 24 TPI         | 24 TPI        | 20 TPI         | 20 TPI        | 18 TPI        | 18 TPI        | 16 TPI        | 14 TPI     | 14 TPI     |
| Alloy RH                           | 37710                   | 37715          | 37720         | 37725          | 37730         | 37735         | 37740         | 37745         | —          | 37755      |
| Alloy LH                           | —                       | —              | —             | 37775          | 37780         | 37785         | 37790         | 37795         | 37800      | 37805      |

Unless highlighted, all die heads come complete with selected dies and are set at the factory.

■ Highlighted die heads require assembly with supplied dies.

All matched threader/sets include die heads, ratchet assembly, ratchet handle and specified dies.

■ Not for manual hand threading.



See page 4.12

## Die Heads Ratchet Threaders – Models 00-R, 12-R, 11-R

Selection: British & International Standards



|                       | Catalog No.             |       |       |       |       |       |       |       |       |
|-----------------------|-------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
|                       | Nominal Pipe Size (in.) |       |       |       |       |       |       |       |       |
|                       | 1/8                     | 1/4   | 3/8   | 1/2   | 3/4   | 1     | 1 1/4 | 1 1/2 | 2     |
| <b>Model No. 00-R</b> |                         |       |       |       |       |       |       |       |       |
| <b>(BSPT)</b>         |                         |       |       |       |       |       |       |       |       |
| Alloy RH              | 65705                   | 65710 | 65715 | 65720 | 65725 | 65730 | —     | —     | —     |
| High-Speed RH         | 65765                   | 65770 | 65775 | 65780 | 65785 | 65790 | —     | —     | —     |
| <b>Model No. 12-R</b> |                         |       |       |       |       |       |       |       |       |
| <b>(BSPT)</b>         |                         |       |       |       |       |       |       |       |       |
| Alloy RH              | 65950                   | 65955 | 65960 | 65965 | 65970 | 65975 | 65980 | 65985 | 65990 |
| High-Speed LH         | —                       | —     | —     | —     | —     | 66020 | —     | 66030 | 66035 |
| High-Speed RH         | —                       | —     | —     | 66040 | 66045 | 66050 | 66055 | 66060 | 66065 |
| Alloy for JIS RH      | —                       | —     | —     | 92585 | 92590 | 92595 | 92600 | 92605 | 92610 |
| <b>(BSPP)</b>         |                         |       |       |       |       |       |       |       |       |
| Alloy RH              | —                       | 49932 | 49937 | 49942 | 49947 | 49952 | —     | 49962 | 49967 |
| <b>Model No. 11-R</b> |                         |       |       |       |       |       |       |       |       |
| <b>(BSPT)</b>         |                         |       |       |       |       |       |       |       |       |
| Alloy RH              | 65550                   | 65555 | 65560 | 65565 | 65570 | 65575 | 65580 | —     | —     |
| High-Speed RH         | —                       | —     | 65620 | 65625 | 65630 | 65635 | 65640 | —     | —     |
| <b>(BSPP)</b>         |                         |       |       |       |       |       |       |       |       |
| Alloy RH              | —                       | —     | 65680 | 65685 | 65690 | 65695 | 65700 | —     | —     |

Unless highlighted, all die heads come complete with selected dies and are set at the factory.

■ Highlighted die heads require assembly with supplied dies.

All matched threader/sets include die heads, ratchet assembly, ratchet handle and specified dies.

Selection: British & International Standards

|                       | Catalog No.            |       |       |       |
|-----------------------|------------------------|-------|-------|-------|
|                       | Nominal Pipe Size (mm) |       |       |       |
|                       | 20 mm                  | 25 mm | 32 mm | 40mm  |
| <b>Model No. 11-R</b> |                        |       |       |       |
| <b>(ISO)</b> Alloy RH | 75005                  | 75010 | 75015 | 75020 |

# Pipe Dies

Selection: Models 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                                        | 45848                                | 45853  | 45858  | 45863  | 45868  | 45873 | 45878  | 45883  | 45888 |
| 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 |
| <b>(BSPP) 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.

| ISO<br>International Standards Organization | Nominal Conduit Size in mm – Thread Pitch in mm |        |        |        |
|---------------------------------------------|-------------------------------------------------|--------|--------|--------|
|                                             | 20-1.5                                          | 25-1.5 | 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  | –      | –    | 66175 | –     |

(1) Requires 11-R BEC Die Head.

# Bolt Threaders Button Dies

Selection: Model 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 |         |        |         |        |        |        |        |       |       |
| (UNC) Unified National Course | 1/4-20                          | 5/16-18 | 3/8-16 | 7/16-14 | 1/2-13 | 5/8-12 | 3/4-11 | 7/8-10 | 1-9   | 1-8   |
| Alloy RH                      | 38335                           | 38340   | 38345  | 38350   | 38355  | 38360  | 38365  | 38370  | 38375 | 38380 |
| (UNF) Unified National Fine   | 1/4-28                          | 5/16-24 | 3/8-24 | 7/16-20 | 1/2-20 | 5/8-18 | 3/4-16 | 7/8-14 | 1-12  |       |
| Alloy RH                      | 38385                           | 38390   | 38395  | 38400   | 38405  | 38410  | 38415  | 38420  | 38425 | 15317 |



See page 4.12

## Manual Receding Threaders



### No. 65R-TC Manual Receding Threader

- Threads 1"-2" pipe.
- True centering workholder.
- Jam-proof.
- Right-hand only.

| Catalog No. | Model No. | Description                                  | Capacity/Pipe Size |         | Weight |      |
|-------------|-----------|----------------------------------------------|--------------------|---------|--------|------|
|             |           |                                              | in.                | mm      | lb.    | kg   |
| 36570       | 65R-TC    | NPT with 1 Set High-Speed Dies               | 1 - 2              | 25 - 50 | 27     | 12.3 |
| 65345       | 65R-TC    | BSPT with 1 Set High-Speed Dies              | 1 - 2              | 25 - 50 | 27     | 12.3 |
| 96720       | -         | Metal Carrying Case for 65R Series Threaders | -                  | -       | 8      | 3.7  |



### No. 65R-C Manual Receding Threader

- Threads 1"-2" pipe.
- Jam-proof drive pawl.
- Cam workholder sets instantly.
- Right-hand only.

| Catalog No. | Model No. | Description                                  | Capacity/Pipe Size |         | Weight |      |
|-------------|-----------|----------------------------------------------|--------------------|---------|--------|------|
|             |           |                                              | in.                | mm      | lb.    | kg   |
| 36565       | 65R-C     | NPT with 1 Set High-Speed Dies               | 1 - 2              | 25 - 50 | 25     | 11.4 |
| 65340       | 65R-C     | BSPT with 1 Set High-Speed Dies              | 1 - 2              | 25 - 50 | 25     | 11.4 |
| 96720       | -         | Metal Carrying Case for 65R Series Threaders | -                  | -       | 8      | 3.7  |

## Accessories: Receding Threaders Pipe Dies for Models 65R-C & 65R-TC Ratchet Threaders

| Die Material or Type        | Catalog No.               |                                |
|-----------------------------|---------------------------|--------------------------------|
|                             | (NPT) National Pipe Taper | (BSPT) British Std. Pipe Taper |
|                             | 1" Thru 2"-11½ TPI        | 1" Thru 2"-11 TPI              |
| High-Speed RH               | 38100                     | 66450*                         |
| H.S. For Stainless Steel RH | 38105                     | —                              |
| H.S. For Cast Iron RH       | 38110                     | —                              |

\* Requires BSPT Threader

## Accessories: Pipe Dies for Model 4PJ Geared Pipe Threaders

| Die Material or Type  | Catalog No.                                                     |       |       |       |                                                             |       |       |       |
|-----------------------|-----------------------------------------------------------------|-------|-------|-------|-------------------------------------------------------------|-------|-------|-------|
|                       | (NPT) National Pipe Taper<br>Nominal Pipe Size-Threads Per Inch |       |       |       | (NPSM) National Pipe*<br>Nominal Pipe Size-Threads Per Inch |       |       |       |
|                       | 2½"-8                                                           | 3"-8  | 3½"-8 | 4"-8  | 2½"-8                                                       | 3"-8  | 3½"-8 | 4"-8  |
| High-Speed RH         | 38220                                                           | 38225 | 38230 | 38235 | 46732                                                       | 46737 | 46742 | 46747 |
| H.S. For Cast Iron RH | 38240                                                           | 38245 | 38250 | 38255 | —                                                           | —     | —     | —     |

\* Requires NPSM Threader

| Die Material or Type | Catalog No.                                                              |        |        |        |
|----------------------|--------------------------------------------------------------------------|--------|--------|--------|
|                      | (BSPT) British Standard Pipe Taper<br>Nominal Pipe Size-Threads Per Inch |        |        |        |
|                      | 2½"-11                                                                   | 3"-11  | 3½"-11 | 4"-11  |
| High-Speed RH        | 66535*                                                                   | 66540* | —      | 66550* |

\* Requires BSPT Threader

## Geared Threader Configurations

Power Threading with Geared Threaders – Models 141, 161



300 Front-Mount



535 Rear-Mount

### 300 Power Drive Front-Mount

Application for 141 and 161 Geared Threader requires:

- 1206 Stand (pg. 4.24).
- Pipe Support (pg. 2.5).
- 418 Oiler (pg. 4.12).
- 844 Drive Bar (pg. 4.10).
- 758 Loop – for 141 (pg. 4.10).
- 346 Support Arms – for 161 (pg. 4.10).

### 300 Power Drive Rear-Mount

Application for 141 and 161 Geared Threader requires:

- 1206 Stand (pg. 4.24).
- 460 TRISTAND (pg. 2.2).
- 418 Oiler (pg. 4.12).
- 840A Universal Drive Shaft (pg. 4.10).

### 535 Threading Machine Front-Mount

pg. 4.18.

### 535 Threading Machine Rear-Mount (manual chuck only)

Application for 141 and 161 Geared Threader requires:

- 460 TRISTAND (pg. 2.2).
- 418 Oiler (pg. 4.12).
- 840A Universal Drive Shaft (pg. 4.10).

### 300 Compact Threading Machine Front-Mount

Application for 141 Geared Threader requires:

- 844 Drive Bar (pg. 4.10).
- 768 Drive Link Assembly (pg. 4.10).

### 1224 Threading Machine Rear-Mount

Application for 161 Geared Threader requires:

- 840A Universal Drive Shaft (pg.4.10).
- 460 TRISTAND (pg. 2.2).
- 418 Oiler (pg. 4.12).



See page 4.12

## Receding Geared Threaders



### Models 141/161

- Jaw clutch prevents jamming.
- Simple adjustment for tapered or straight threads.
- Cam-type workholder sets instantly.
- Fully enclosed gearing.
- Right-hand only.

### Specifications

- Model 141 threads 2½", 3", 3½", 4" pipe with one set of dies.
- Model 161 threads 4", 4½", 5", 6" pipe with one set of dies.

| Catalog No. | Model No. | Description                                  | Capacity Nominal Pipe Size |           | Weight |      |
|-------------|-----------|----------------------------------------------|----------------------------|-----------|--------|------|
|             |           |                                              | in.                        | mm        | lb.    | kg   |
| 36620       | 141       | NPT with 1 Set High-Speed Dies               | 2½ - 4                     | 62 - 100  | 93     | 42.3 |
| 65380       | 141       | 4" Geared Threader BSPT                      | 2½ - 4                     | 62 - 100  | 93     | 42.3 |
| 36630       | 161       | NPT with 1 Set High-Speed Dies               | 4 - 6                      | 100 - 150 | 158    | 71.8 |
| 39380       | D-1440    | Ratchet and Handle                           | -                          | -         | 9½     | 4.3  |
| 96725       | -         | Metal Carrying Case for 141 Geared Threaders | -                          | -         | 17     | 7.7  |



### Geared Threader Accessories

#### Model 840A Universal Drive Shaft

A telescoping (41" to 50") drive shaft for operation of Nos. 141 and 161 geared threaders with threading machines.

### Geared Threader Operation

The Nos. 141 and 161 geared threaders, in conjunction with these accessories, allow power drives and threading machines to thread up to 4" and 6" pipe. See page 4.9.

### Accessories

| Catalog No. | Model No. | Description                                            | Weight |      |
|-------------|-----------|--------------------------------------------------------|--------|------|
|             |           |                                                        | lb.    | kg   |
| 42505       | 46        | Adjustable Pipe Support                                | 23     | 10.4 |
| 61122       | 840A      | Universal Drive Shaft                                  | 31     | 14.1 |
| 19366       | 758       | Loop                                                   | 1¼     | 0.6  |
| 40005       | 346       | Support Arms                                           | 10½    | 4.8  |
| 42405       | 844       | Drive Bar for 141                                      | 5¾     | 2.6  |
| 42415       | 768       | Drive Link Assembly for 141                            | 2½     | 1.1  |
| 97882*      | 535A      | Kit 141 on 535 Auto Chuck with High-Clearance Carriage | 12     | 5.4  |
| 16723**     | -         | Drive Link Assembly for High Clearance Carriage        | 12     | 5.5  |

\*Kits include all accessories necessary for threading with a 141 mounted on a 535 with a high-clearance carriage; ½

\*\*Drive bar for 16723 not included



## Pipe Dies



### Pipe Dies

**Model 141 Geared Pipe Threader Dies**

| Catalog No. | Description                 | Thread Type | Pipe Threading Capacity |     |
|-------------|-----------------------------|-------------|-------------------------|-----|
|             |                             |             | in.                     | TPI |
| 38120       | High-Speed RH               | NPT         | 2 1/2 - 4               | 8   |
| 38125       | H.S. For Cast Iron RH       | NPT         | 2 1/2 - 4               | 8   |
| 38130       | H.S. For PVC RH             | NPT         | 2 1/2 - 4               | 8   |
| 70640       | H.S. for Stainless Steel RH | NPT         | 2 1/2 - 4               | 8   |
| 66625*      | High-Speed RH               | BSPT        | 2 1/2 - 4               | 11  |
| 70645*      | H.S. for Stainless Steel RH | BSPT        | 2 1/2 - 4               | 11  |
| 38140       | H.S. 37 1/2" Bevel          | Bevel       | 2 1/2 - 4               | 4   |

(NPSM) National Pipe Straight Mechanical – Use (NPT) Dies and Rotate Threader Guide Post 180°.  
 (BSPP) British Standard Pipe Parallel – Use (BSPT) Dies and Rotate Threader Guide Post 180°.  
 \* Requires BSPT Threader.

**Model 161 Geared Pipe Threader Dies**

| Catalog No. | Description                 | Thread Type | Pipe Threading Capacity |     |
|-------------|-----------------------------|-------------|-------------------------|-----|
|             |                             |             | in.                     | TPI |
| 38155       | High-Speed RH               | NPT         | 4 - 6                   | 8   |
| 70655       | H.S. For Stainless Steel RH | NPT         | 4 - 6                   | 8   |
| 66620*      | High-Speed RH               | BSPT        | 4 - 6                   | 11  |

(NPSM) National Pipe Straight Mechanical – Use (NPT) Dies and Rotate Threader Guide Post 180°.  
 (BSPP) British Standard Pipe Parallel – Use (BSPT) Dies and Rotate Threader Guide Post 180°.  
 \* Requires BSPT Threader.

## Threading Accessories

### Thread Sealants

- RIDGID White proprietary formula sealant is NFS and UPC listed and approved for portable water use. The non-toxic, lead-free formulas won't harden or freeze, allowing easy disassembly of joints without compromising thread integrity.
- RIDGID White Sealant with ultra-fine non-stick particles allow for a tighter seal with less effort. The formula is not affected by oils, dilute acids or common solvents and can be used on PVC, CPVC, ABS, nylon, polypropylene, polybutylene, delrin, cyclocac, as well as on metal pipes. RIDGID White Sealant should not be used on lines carrying oxygen, halogens or liquid sodium.



### White (with non-stick particles)

| Catalog No. | Description                 | Weight Per Case |       |
|-------------|-----------------------------|-----------------|-------|
|             |                             | lb.             | kg    |
| 84332       | 1/2 pint can (brush-in-can) | 11              | 5.00  |
| 84337       | 1 pint can (brush-in-can)   | 26              | 11.75 |

Note: Working pressure for all RIDGID sealants is 125 p.s.i.



See page 4.12

## Threading Accessories



\*Flip top included with every quart bottle.

\*\*\*Aerosol can.

\*\*FBC™ System Compatible indicates that this product has been tested and is monitored on an ongoing basis to assure chemical compatibility with FlowGuard Gold®, BlazeMaster® and Corzan® pipe and fittings.

FlowGuard Gold®, BlazeMaster®, Corzan® and FBC™ are trademarks of The Lubrizol Corporation. FBC™ is a trademark of The Lubrizol Corporation.

### Thread Cutting Oil

RIDGID® thread cutting oils are free of chlorine and other halogens, PCBs and heavy metals. Complete material safety data sheet available.

- Cools threads and pipe during operation.
- Improves thread quality.
- Speeds metal removal.
- Reduces threading torque.

| Feature                      | Dark | Nu-Clear | Endura-Clear | Extreme Performance |
|------------------------------|------|----------|--------------|---------------------|
| Low Odor                     | X    | X        | X            | X                   |
| Anti-Mist Formulation        | X    | X        | X            |                     |
| Extended Die Life            |      |          | X            | X                   |
| FBC™ System Compatible**     |      |          | X            |                     |
| Designed for Stainless Steel |      |          |              | X                   |
| Working Viscosity            | 0°F  | -20°     | -20°         | 0°                  |

| Catalog No. | Description                 | Container Size |       | Containers Per Case | Weight Per Case |     |
|-------------|-----------------------------|----------------|-------|---------------------|-----------------|-----|
|             |                             | gal            | l     |                     | lb.             | kg  |
| 41590*      | Dark                        | 0.2            | 0.9   | 12                  | 22              | 10  |
| 70830       | Dark                        | 1.0            | 3.8   | 6                   | 50              | 23  |
| 41600       | Dark                        | 5.0            | 18.9  | 1                   | 42              | 14  |
| 41610       | Dark                        | 55.0           | 207.9 | 1                   | 465             | 221 |
| 70835       | Nu-Clear                    | 1.0            | 3.8   | 6                   | 50              | 23  |
| 41575       | Nu-Clear                    | 5.0            | 18.9  | 1                   | 42              | 19  |
| 41585       | Nu-Clear                    | 55.0           | 207.9 | 1                   | 465             | 211 |
| 32808       | Endura-Clear                | 1.0            | 3.8   | 6                   | 50              | 23  |
| 74012       | Extreme Performance         | 1.0            | 3.8   | 6                   | 50              | 23  |
| 74047       | Extreme Performance         | 5.0            | 18.9  | 1                   | 42              | 19  |
| 76767       | Extreme Performance         | 55.0           | 207.9 | 1                   | 465             | 211 |
| 22088***    | Extreme Performance Aerosol | 0.1            | 0.4   | 12                  | 12              | 6   |



### Model 418 Oiler

The Model 418's durable pump assembly and heavy-duty reservoir are designed to increase productivity.

- Pump Assembly – 50% more oil per stroke than other hand-held oilers for longer die life.
- An ergonomic 2-finger trigger design that reduces user fatigue.
- Die cast, heavy-duty body with swivel nozzle with no exposed parts for longer life.
- Heavy Duty Reservoir – The 418 oiler features a patent pending fastenerless twist and lock drip pan that easily locks in place.
- The material withstands abrasion, is lighter than metal and does not rust.
- The reservoir will not crack or leak.
- Material is so strong that under normal use, no dents will form on impact or shape changes will occur over time. As a result, the drip pan will fit squarely on the reservoir time after time.
- Integral molded body eliminates leaks at the hose-reservoir connection.
- Convenient anti-slip grip design with integral hood for easy hanging.

### Specifications

- Chip pan diameter – 14<sup>1</sup>/<sub>4</sub>" (362 mm).
- Chip pan depth – 8<sup>3</sup>/<sub>8</sub>" (212 mm).
- Hose length – 55" (1.4 m).
- Capacity – 1 gallon.

| Catalog No. | Model No. | Description                                                                            | Weight                         |     |
|-------------|-----------|----------------------------------------------------------------------------------------|--------------------------------|-----|
|             |           |                                                                                        | lb.                            | kg  |
| 10883       | 418       | Oiler w/1 Gal. Premium Thread Cutting Oil                                              | 20 <sup>1</sup> / <sub>2</sub> | 9.4 |
| 72342       | 402       | Hand operated oiler with attachment for 1 gallon and 5 gallon containers and 54" hose. | 2 <sup>1</sup> / <sub>2</sub>  | 1.2 |
| 72332       | #4        | Hand-operated oiler only                                                               | 1 <sup>1</sup> / <sub>4</sub>  | 0.5 |
| 72327       | #4        | Hand-operated oiler with 54" and hose fittings                                         | 2 <sup>1</sup> / <sub>4</sub>  | 1.0 |

# Hand-Held Power Drives



## Model 600-I Power Drive

- Lightweight and easy to handle for service and repair.
- Over molded handle and contoured grip provide optimal control.
- Screw-in brush covers reduces service time.
- Durable die cast gear housing and fiberglass reinforced plastic body to withstand demanding jobsite conditions.
- Dual "V" Jaw Reaction Arm firmly prevents slipping.

## Specifications

- Capacity –  $\frac{1}{8}$ " –  $1\frac{1}{4}$ " (3 mm - 32 mm), 11R die heads.
- Weight – 12.7 lbs. (5.8 kg), power drive only.
- Size – 20 in. (508 mm) L x 3.75 in. (95mm) W x 7.5 in. (191mm) H.
- Motor Type – universal single phase.
- Motor Wattage – 1020W (230V), 1270W (115V).
- Available Voltages/Phases – 115V/1 Ph, 230V/1Ph, 220V/1 Ph.
- Amps – 12 A (115V), 5 A (230V, 220V).
- Operating Speed (No Load) – 32 RPM (115V), 36 RPM (230V).
- Controls – FORWARD/REVERSE slide switch, ON/OFF two-step momentary contact.
- Gear Head – die cast aluminum permanently greased.
- Body & Handle – durable heavy-duty fiberglass reinforced plastic.

## Standard Equipment

- Carrying case.
- 602 support arm.
- $\frac{1}{2}$ ",  $\frac{3}{4}$ ", 1,  $1\frac{1}{4}$ " 11-R die heads (kit only).



| Catalog No. | Model No. | Description                                                                             | Weight |      |
|-------------|-----------|-----------------------------------------------------------------------------------------|--------|------|
|             |           |                                                                                         | lb.    | kg   |
| 44913       | 600-I     | Power Drive (Only) Case, & Support Arm                                                  | 29.1   | 13.2 |
| 44918       | 600-I     | Power Drive w/ $\frac{1}{2}$ " – $1\frac{1}{4}$ " NPT 11R Die Heads, Case & Support Arm | 41.0   | 18.6 |

## Accessories

| Catalog No. | Model No. | Description                               | Weight |      |
|-------------|-----------|-------------------------------------------|--------|------|
|             |           |                                           | lb.    | kg   |
| 45923       | 602       | 602 Support Arm                           | 4.0    | 1.8  |
| 46668       | —         | Carrying Case                             | 12.0   | 5.5  |
| 10883       | 418       | Oiler w/1 Gal. Premium Thread Cutting Oil | 17.0   | 7.7  |
| 16703       | 425       | Portable TRISTAND Vise                    | 32.0   | 14.5 |
| 36273       | 460       | Portable TRISTAND Vise                    | 47.0   | 21.0 |



See page 4.12

## Hand-Held Power Drives



### Model 690-I Power Drive

- RIDGID Die Head Retaining System is a simple twist and release for the 1½", 2" Die Heads and Die Head Adapter
- Lightweight and portable for maintenance, repair and service plumbers
- Over molded handle and contoured grip provide optimal control
- Screw in brush covers improve serviceability
- Durable die cast gear housing and fiberglass reinforced plastic body to withstand demanding job site conditions
- Dual "V" Jaw Reaction Arm firmly prevents slipping

### Specifications

- Capacity – 1/8" – 2" (3 mm – 50 mm), 11R die heads.
- Weight – 21.1 lbs. (9.59 kg), power drive only
- Size – 24.1 in. (613 mm) L x 4.75 in (121 mm) W x 8 in. (203 mm)
- Motor Type – universal single phase
- Motor Wattage – 1020W (230V), 1270W (115V)
- Available Voltages/Phases – 115V/1 Ph, 230V/1Ph, 220V/1 Ph
- Amps – 12 A (115V), 5 A (230V, 220V)
- Operating Speed (No Load) – 23 RPM (115V), 37 RPM (230V)
- Controls – FORWARD/REVERSE slide switch, ON/OFF two-step momentary contact
- Gear Head – die cast aluminum permanently greased
- Body & Handle – durable heavy-duty fiberglass reinforced plastic

### Standard Equipment

- 46673 carrying case.
- 692 support arm.
- 39181 ratcheting ring
- 1/2", 3/4", 1, 1¼", 1½", 2 11-R die heads (kit only).

| Catalog No. | Model No. | Description                                              | Weight |      |
|-------------|-----------|----------------------------------------------------------|--------|------|
|             |           |                                                          | lb.    | kg   |
| 44923       | 690-I     | Power Drive 1/2" - 2" NPT Die Heads, Case, & Support Arm | 42.4   | 19.2 |
| 44928       | 690-I     | Power Drive Only W/ Case and Support Arm                 | 59.4   | 26.9 |

### Accessories

| Catalog No. | Model No. | Description                               | Weight |      |
|-------------|-----------|-------------------------------------------|--------|------|
|             |           |                                           | lb.    | kg   |
| 45928       | 692       | 692 Support Arm                           | 4.0    | 1.8  |
| 46673       | —         | Carrying Case                             | 12.0   | 5.5  |
| 39187       | —         | Ratcheting Ring                           | —      | —    |
| 10883       | 418       | Oiler w/1 Gal. Premium Thread Cutting Oil | 17.0   | 7.7  |
| 16703       | 425       | Portable TRISTAND® Vise                   | 32.0   | 14.5 |
| 36273       | 460-6     | Portable TRISTAND Vise                    | 47.0   | 21.0 |

# Hand-Held Power Drives



## Model 700 Power Drive

- Heavy-duty hand-held power drive
- Designed for RIDGID No. 12-R die heads. Other RIDGID die heads (00-R, 00-RB, 11-R) using adapters. Also used with 258/258XL pipe cutters

## Specifications

- Capacity – 1/8" - 2" Pipe (6 - 50 mm). 1/4" - 1" (8 - 25 mm) Bolt (using 00-RB Die Heads).
- Spindle Speed – 26 - 30 RPM (no load).
- Weight – 25 lbs. (11 kg) Power Drive Only
- Length – 28 1/4" (71.7 cm).
- Output Power – 1/2 HP
- Motor – Universal, 1100 W, 115V or 230V 50/60 Hz.
- Switch – Double-throw reversible.
- Gear Head – Spur gear reduction face gear drive. Spring-loaded adapter pawls. Hardened steel spindle gear.
- Body – Cast aluminum.
- Die Heads – 12-R. Other Die Heads with adaptors: 00-R, 00-RB, 11-R.

| Catalog No. | Model No. | Description                                              | Voltage | Frequency | Thread Type | Weight |      |
|-------------|-----------|----------------------------------------------------------|---------|-----------|-------------|--------|------|
|             |           |                                                          | V       | Hz        |             | lb.    | kg   |
| 41935       | 700       | 700 Power Drive                                          | 115     | 50 - 60   | -           | 25.0   | 11.0 |
| 41940       | 700       | 700 Power Drive                                          | 230     | 50 - 60   | -           | 25.0   | 11.0 |
| 45178       | 700       | 700 Power Drive Complete 115 Kit 1/2" - 2" 12R Die Heads | 115     | 50 - 60   | NPT         | -      | -    |

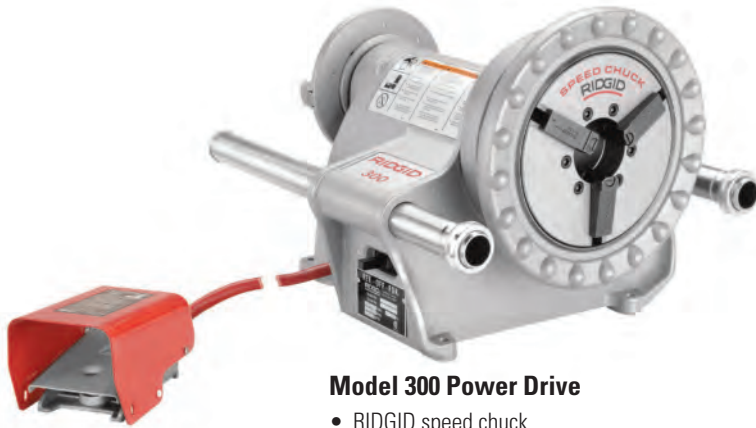
## Accessories

| Catalog No. | Model No. | Description                               | Weight |      |
|-------------|-----------|-------------------------------------------|--------|------|
|             |           |                                           | lb.    | kg   |
| 10883       | 418       | Oiler w/1 Gal. Premium Thread Cutting Oil | 20.5   | 9.4  |
| 42600       | 770       | Adapter for 00-R and 00-RB                | 4.4    | 2.0  |
| 42605       | 771       | Adapter for 0-R                           | 4.4    | 2.0  |
| 42610       | 772       | Adapter for 11-R                          | 4.4    | 2.0  |
| 42615       | 773       | Adapter for 111-R                         | 2.2    | 1.0  |
| 42620       | 774       | Square Drive Adapter -15/16"              | 4.4    | 2.0  |
| 42625       | 775       | Support Arm for No. 700                   | 11.0   | 5.0  |
| 42950       | B-171-X   | Metal Carrying Case                       | 28.8   | 13.0 |



See page 4.12

## Power Threading Machines



### Model 300 Power Drive

- RIDGID speed chuck.
- Reversible 1/2 HP universal motor.
- Recessed On/Off/Reverse switch.
- Convert a 300 Power Drive to a portable threading machine.
- Ideal for use with RIDGID roll groovers

### Specifications

- Capacity – 1/8" - 2" (6mm - 50mm) Pipe, 2 1/2" - 4" (65mm - 100mm) with 141, and 4" - 6" (100mm-150mm) with 161 Geared Threaders, 1/4" - 2" (6mm - 52mm) Rod.
- Motor – 1/2 HP, universal, reversible motor, single-phase, 50/60 Hz, 115V.
- Switch – Heavy-duty FOR/OFF/REV and Integral Foot Switch.
- Chuck – RIDGID speed chuck with replaceable rocker-action jaws.
- Spindle Speed – 38 RPM (57 RPM available).
- Rear Centering Device – Cam-action turns with chuck.
- Support Bar – Heavy-duty (2).



| Catalog No. | Model No. | Description                   | Spindle Speed | Pipe Threading Capacity |        | Rod Threading Capacity |        | Max. Geared Threader Capacity |     | Weight |       |
|-------------|-----------|-------------------------------|---------------|-------------------------|--------|------------------------|--------|-------------------------------|-----|--------|-------|
|             |           |                               |               | in.                     | mm     | in.                    | mm     | in.                           | mm  | lb.    | kg    |
| 41855       | 300 Only  | 300 Power Drive, 115V 50/60Hz | 38 RPM        | 1/8 - 2                 | 3 - 50 | 1/4 - 2                | 6 - 50 | 6                             | 150 | 94     | 43.00 |
| 41860       | 300 Only  | 230V, 50/60 Hz                | 38 RPM        | 1/8 - 2                 | 3 - 50 | 1/4 - 1 1/2            | 6 - 40 | 6                             | 150 | 94     | 43.00 |
| 75075       | 300 Only  | 300 Power Drive, 115V 50/60Hz | 57 RPM        | 1/8 - 1 1/4             | 3 - 31 | 1/4 - 1 1/2            | 6 - 50 | 6                             | 150 | 94     | 43.00 |
| 75435       | 300 Only  | 230V, 50/60 Hz Export         | 38 RPM        | 1/8 - 2                 | 3 - 50 | 1/4 - 2                | 6 - 50 | 6                             | 150 | 94     | 43.00 |

### Accessories

| Catalog No. | Model No. | Description                                            | Weight |       |
|-------------|-----------|--------------------------------------------------------|--------|-------|
|             |           |                                                        | lb.    | kg    |
| 10883       | 418       | Oiler w/1 Gal. Premium Thread Cutting Oil              | 20 1/2 | 9.40  |
| 51005       | 819       | Nipple Chuck Complete, 1/2" - 2" NPT                   | 10 1/2 | 4.80  |
| 97065       | 811A      | 811A 1/8" - 2" NPT, Quick Opening, RH                  | 13     | 5.90  |
| 97075       | 815A      | 815A 1/8" - 2" NPT Die Head, Self-Opening, RH          | 13     | 5.90  |
| 42360       | 1206      | 1206 Stand                                             | 31     | 14.10 |
| 42365       | 341       | Reamer                                                 | 6 3/4  | 3.10  |
| 42370       | 360       | Model 360 1/8"-2" Full Floating, Self Centering Cutter | 8 1/2  | 3.90  |
| 42385       | 312       | Carriage Feed Lever                                    | 3      | 1.40  |
| 42575       | 32        | #32 Transporter (for Power Drives and Tristand Vises)  | 14 1/4 | 6.50  |
| 46660       | E-863     | LH/RH Reamer Cone                                      | 7      | 3.20  |
| 68815       | 311       | Carriage with No. 312 Lever                            | 15     | 6.80  |
| 97365       | -         | Jaw Inserts for Coated Pipe                            | 1/2    | 0.20  |
| 22638       | 1452      | Clip-On Tool Tray                                      | 6      | 2.70  |
| 68160       | 819       | Nipple Chuck 1/2"-2" BSPT                              | 10 1/2 | 4.80  |
| 97070       | 811A      | BSPT Die Head Quick-Open R.H.                          | 12 1/2 | 5.70  |
| 97080       | 815A      | 815A 1/8"-2" BSPT Self-Opening Die Head                | 13     | 5.90  |

See page 4.12



# Power Threading Machines



## Model 300 Power Drive Complete

- RIDGID Speed Chuck.
- Reversible 1/2 HP Universal Motor.
- Recessed On/Off/Reverse Switch.
- Ideal For Use With RIDGID Roll Groovers.

## Specifications

- Motor – 1/2 HP Single Phase, Universal.
- Switch – Heavy-duty For/Off/Rev and Integral Foot Switch.
- Chuck – Speed Chuck with Replaceable Rocker-Action Jaws.
- Spindle Speed – 38 RPM (57 RPM Available).
- Rear Centering Device – Cam-Action Turns With Chuck.
- Support Bar – Heavy-Duty.

## Standard Equipment.

- 97065 – 811A 1/8" - 2" NPT, Quick Opening, RH.
- 47745 – 1/2" - 3/4" Universal Alloy Die Set.
- 47750 – 1" - 2" Universal Alloy Die Set.
- 42370 – Model 360 1/8"-2" Full Floating, Self Centering Cutter.
- 68815 – Carriage with No. 312 Lever.
- 42575 – #32 Transporter (for Power Drives and Tristand Vises).
- 42365 – Reamer.
- 42360 – 1206 Stand.
- 10883 – Oiler w/1 Gal. Premium Thread Cutting Oil.
- 22638 – Clip-On Tool Tray.
- 41855 – 300 Power Drive, 115V 50/60Hz.



Model 32 Transporter



| Catalog No. | Model No.      | Pipe Threading Capacity |         | Rod Threading Capacity |        | Spindle Speed | Voltage | Frequency | Max. Geared Threader Capacity |      | Weight |      |
|-------------|----------------|-------------------------|---------|------------------------|--------|---------------|---------|-----------|-------------------------------|------|--------|------|
|             |                | in.                     | mm      | in.                    | mm     |               |         |           | in.                           | mm   | lb.    | kg   |
| 15682       | 300 Complete   | 1/8 - 2                 | 3 - 50  | 1/4 - 2                | 6 - 50 | 38 RPM        | 115     | 50 - 60   | 6                             | 150  | 212    | 96.2 |
| 15722       | 300 Complete   | 1/8 - 1 1/4             | 3 - 31  | 1/4 - 1 1/2            | 6 - 40 | 57 RPM        | 115     | 50 - 60   | 6                             | 150  | 212    | 96.2 |
| 97415       | 300A Complete* | 1/8 - 2                 | -3 - 50 | 1/4 - 1 1/2            | -      | 38 RPM        | 230     | 50 - 60   | 6                             | -150 | 202    | 91.6 |
| 97420       | 300A Complete* | 1/8 - 2                 | -3 - 50 | 1/4 - 2                | -      | 38 RPM        | 230     | 50 - 60   | 6                             | -150 | 202    | 91.6 |

Other voltages available upon request. Export machines equipped with special power cord sets.

\*300A includes automatic oiling



See page 4.12

## Power Threading Machines



### Model 535A Automatic Threading Machine

The Model 535A maintains the ruggedness of the industry workhorse while adding features that make the threading operation more productive. A large chip tray and oil reservoir make the 535A ideal for longer uninterrupted threading. The 535 features a high clearance carriage that makes the threading operation easier and a generous top cover area that is ideal for keeping tools and work related materials handy. The 535A is designed around maximum uptime with the upgrades that matter most to the pipe working professional. Users also benefit from the part commonality between the 535, the 535A Automatic and other RIDGID equipment.

- Automatic chuck.
- Large 1.75 gallon oil reservoir.
- Large chip tray.
- Generous top cover area for keeping tools and fittings handy.
- High clearance carriage.
- Can be used with geared threader Model 141.
- Uses Model 816/817 semi-automatic, Model 815A self opening or Model 811A quick-opening die heads.
- Length gauge for quick, accurate cut-off.

### Specifications

- Pipe Capacity –  $\frac{1}{8}$ "-2" (3mm-50mm)  $2\frac{1}{2}$ "-4" (62mm-100mm) with 141 geared threader.
- Bolt Capacity –  $\frac{5}{16}$ "-2" (8mm-50mm).
- Spindle Speed – 3 speed 16/46/58 RPM.
- Motor – 2 HP, single-phase, 115V, 60 Hz, 20 Amp reversible induction motor.
- Switches – FOR/OFF/REV and Integral safety foot switch.
- Chuck – automatic with four reversible forged jaws.
- Rear Centering Device – automatic, centering only.
- Cutters – self-centering, full-floating. Two models available: One Standard. No. 820 Wheel-Type Cutter, pipe capacity  $\frac{1}{8}$ "-2" (3mm-50mm), bolt capacity  $\frac{1}{4}$ "-1" (6mm-25mm). Two Optional. No. 821 Blade-Type cutter, pipe capacity  $\frac{1}{2}$ "-2" (12mm-50mm). See ordering chart.
- Reamer – 5-flute cone, RH,  $\frac{1}{8}$ "-2" (3mm-50mm).
- Oil Pump – self-priming gerotor oil pump.
- RH/LH combination reamer available.

### Standard Equipment

- 11931 – Thread Cutting Oil.
- 97065 – NPT Die Head Quick-Open R.H.
- 47765 –  $\frac{1}{2}$ " -  $\frac{3}{4}$ " High Speed Dies
- 47770 – 1" - 2" High Speed Dies
- 42365 – Reamer.
- 42390 – Wheel-Type Cutter.
- 41185 – Wheel, Cutter E1032.
- 46015 – Key, Hex  $\frac{5}{32}$ .
- 46030 – Key, Hex  $\frac{3}{16}$ .

## Steel Cabinet Features

- 17-gauge steel walls and welded construction
- Two Internal and one external storage shelves
- Oversized bi-fold door with steel clasp
- Cut-outs for power cord and foot switch storage
- Two drain plugs for easy cleaning

| Catalog No. | Model No. | Description            | Voltage | Chuck     | Cutter Model | RPM      | Die Head | Weight |     |
|-------------|-----------|------------------------|---------|-----------|--------------|----------|----------|--------|-----|
|             |           |                        |         |           |              |          |          | lb.    | kg  |
| 91142       | 535A      | Automatic Machine only | 115     | Automatic | 820          | 16/46/58 |          | 340    | 155 |
| 84097       | 535A      | 1/2"-2" NPT Automatic  | 115     | Automatic | 820          | 16/46/58 | 811A     | 350    | 159 |
| 91322       | 535A      | 1/2"-2" NPT Automatic  | 115     | Automatic | 820          | 16/46/58 | 816/817  | 360    | 163 |

Machines listed as 1/2"-2" include standard equipment. Machine only includes standard equipment less all die heads and dies. Please use catalog item numbers when ordering

## Model 535A Machine Accessories

| Catalog No. | Model No. | Description                                            | Weight                         |      |
|-------------|-----------|--------------------------------------------------------|--------------------------------|------|
|             |           |                                                        | lb.                            | kg   |
| 42365       | 341       | Reamer                                                 | 6 <sup>3</sup> / <sub>4</sub>  | 3.1  |
| 42390       | 820       | Wheel-Type Cutter                                      | 8 <sup>1</sup> / <sub>2</sub>  | 3.9  |
| 92457       | 100A      | Universal Leg & Tray Stand                             | 75                             | 34.5 |
| 92462       | 150A      | Universal Wheel & Tray Stand                           | 103                            | 46.7 |
| 92467       | 200A      | Universal Wheel & Cabinet Stand                        | 104                            | 74.5 |
| 51005       | 819       | Nipple Chuck Complete, 1/2" - 2" NPT                   | 10 <sup>1</sup> / <sub>2</sub> | 4.8  |
| 35867       | 839       | Adapter Kit for No. 819 Nipple Chuck                   | 16 <sup>1</sup> / <sub>2</sub> | 7.5  |
| 97882       | 535A      | Kit 141 on 535 Auto Chuck with High-Clearance Carriage | 12                             | 5.4  |
| 12138       | 535A      | Left Hand Threading Kit                                | 2 <sup>1</sup> / <sub>2</sub>  | 1.2  |
| 42485       | 4U        | 4 Heads                                                | 8 <sup>1</sup> / <sub>2</sub>  | 3.9  |
| 42490       | 6U        | 6 Heads                                                | 12 <sup>1</sup> / <sub>2</sub> | 5.7  |
| 97065       | 811A      | 811A 1/8" - 2" NPT, Quick Opening, RH                  | 13                             | 5.9  |
| 97075       | 815A      | 815A 1/8" - 2" NPT Die Head, Self-Opening, RH          | 13                             | 5.9  |
| 23282       | 842       | Universal Die Head                                     | 12 <sup>1</sup> / <sub>2</sub> | 5.7  |
| 97070       | 811A      | BSPT Die Head Quick-Open R.H.                          | 12 <sup>1</sup> / <sub>2</sub> | 5.7  |
| 97080       | 815A      | 815A 1/8"-2" BSPT Self-Opening Die Head                | 13                             | 5.9  |
| 97045       | 531       | Bolt Die Head Quick-Open R.H./L.H. 1/4"-1"             | 8                              | 3.6  |
| 97050       | 532       | Bolt Die Head Quick-Open R.H./L.H. 1 1/8"-2"           | 9                              | 4.1  |
| 84537       | 816       | 1/8" - 3/4" Semi-Automatic Die Head                    | 13                             | 5.9  |
| 84532       | 817       | 1/2" - 2" Semi-Automatic Die Head                      | 13                             | 5.9  |
| 68160       | 819       | Nipple Chuck 1/2"-2" BSPT                              | 10 <sup>1</sup> / <sub>2</sub> | 4.8  |
| 23297       | 856       | British Universal                                      | 12 <sup>1</sup> / <sub>2</sub> | 5.7  |

Note: Mono Die Heads available 1/8", 1/4", 3/8", 1/2", 3/4", 1", 1 1/4", 1 1/2", 2". All Die Heads are through-head oiling  
Dies: All Universal Pipe and Bolt Dies; all 500B Bolt Dies; See pages 4.30-4.32



No. 100A



No. 150A



No. 200A with Steel Cabinet



See page 4.12

## Power Threading Machines



### Model 535 Threading Machine

The Model 535 maintains the ruggedness of the industry workhorse while adding the features that makes the threading operation more productive. A large chip tray and oil reservoir make the 535 ideal for longer uninterrupted threading. The 535 features a high clearance carriage making the threading operation easier and a generous top cover area that is ideal for keeping tools and work related materials handy. The 535 is designed around maximum uptime with the upgrades that matter most to the pipe working professional. Users also benefit from the part commonality between the 535, the 535A Automatic and other RIDGID equipment.

- Large 1.75 gal. (6.6 L) oil tray.
- Large chip tray.
- Generous top cover for keeping tools and fittings handy.
- High clearance carriage.
- Speed chuck with rocker-action jaws centers and grips work piece instantly.
- Can be used with geared threaders Models 141 and 161.
- Uses Model 816/817 semiautomatic, Model 815A self-opening or Model 811A quick-opening die heads.
- Length gauge for quick, accurate cut-off.

### Specifications

- Pipe Capacity – 1/8"-2" (3mm-50mm) 2 1/2"-4" (62mm-100mm), 4"-6" (100mm-150mm) with 141 and 161 geared threaders.
- Bolt Capacity – 1/4"-2" (6mm-50mm).
- Spindle Speed – 36 RPM standard (no load), 54 RPM model also available.
- Motor – 1/2 HP, single-phase, 115V, 50/60 Hz, 15 amp reversible universal motor. (36 RPM)
- Switches – FOR/OFF/REV and Integral safety foot switch.
- Chuck – Speed Chuck™ with replaceable rocker-action jaw inserts (3).
- Rear Centering Device – Cam-action, turns with chuck.
- Cutters – Self-centering, full-floating. Two models available: One Standard. No. 820 Wheel-Type Cutter, pipe capacity 1/8"-2" (3mm-50mm), bolt capacity 1/4"-1" (6mm-25mm). Two Optional. No. 821 Blade-Type cutter, pipe capacity 1/2"-2" (12mm-50mm). See ordering chart.
- Reamer – 5-flute cone, RH, 1/8"-2" (3mm-50mm).
- Oil Pump – Self-priming gerotor oil pump.
- RH/LH combination reamer available.

### Standard Equipment

- 42365 – Reamer
- 42390 – Wheel-Type Cutter
- 44185 – Wheel, Cutter E1032
- 46015 – Key, Hex 5/32
- 46035 – Key, Hex 3/16
- 47745 – Dies, Univ 1/2-3/4 NPT
- 47750 – Dies, Univ. 1-2 NPT
- 70835 – Nu-Clear
- 97065 – 811A 1/8" - 2" NPT, Quick Opening, RH

## Model 535 Threading Machine

| Catalog No. | Model No. | RPM | Voltage | Frequency | Motor     | Capacity | Dies Used | Die Head | Weight |       |
|-------------|-----------|-----|---------|-----------|-----------|----------|-----------|----------|--------|-------|
|             |           |     | V       | Hz        |           | in.      |           |          | lb.    | kg    |
| 93287       | 535       | 36  | 115     | 50 - 60   | Universal | 1/2 - 2  | NPT       | 811A     | 260.0  | 117.9 |
| 96497       | 535       | 36  | 115     | 50 - 60   | Universal | -        | -         | -        | 245.0  | 111.1 |
| 96502       | 535       | 54  | 115     | 50 - 60   | Universal | 1/2 - 2  | NPT*      | 811A     | 260.0  | 117.9 |
| 96507       | 535       | 36  | 230     | 50 - 60   | Universal | 1/2 - 2  | NPT       | 811A     | 260.0  | 117.9 |

\*20 AMP, 115V circuit required



No. 100A



No. 150A



No. 200A with Steel Cabinet

## Accessories

- Die Heads and Dies
- Die Head Racks
- Stands - Three Models Available
- Thread Cutting Oil
- Nipple Chuck

## Accessories

| Catalog No. | Model No. | Description                                               | Weight                         |      |
|-------------|-----------|-----------------------------------------------------------|--------------------------------|------|
|             |           |                                                           | lb.                            | kg   |
| 16723       | -         | Drive Link Assembly for High Clearance Carriage           | 12                             | 5.5  |
| 42405       | 844       | Drive Bar for 141                                         | 5 <sup>3</sup> / <sub>4</sub>  | 2.6  |
| 42415       | 768       | Drive Link Assembly for 141                               | 2 <sup>1</sup> / <sub>2</sub>  | 1.1  |
| 51005       | 819       | Nipple Chuck Complete, 1/2" - 2" NPT                      | 10 <sup>1</sup> / <sub>2</sub> | 4.8  |
| 84537       | 816       | 1/8" - 3/4" Semi-Automatic Die Head                       | 13                             | 5.9  |
| 42365       | 341       | Reamer                                                    | 6 <sup>3</sup> / <sub>4</sub>  | 3.1  |
| 42390       | 820       | Wheel-Type Cutter                                         | 8 <sup>1</sup> / <sub>2</sub>  | 3.9  |
| 58007       | -         | Machine stand adapter bracket for 535's built before 1996 | 17                             | 7.7  |
| 92457       | 100A      | Universal Leg & Tray Stand                                | 75                             | 34.5 |
| 92462       | 150A      | Universal Wheel & Tray Stand                              | 103                            | 46.7 |
| 92467       | 200A      | Universal Wheel & Cabinet Stand                           | 104                            | 74.5 |
| 96517       | MJ-1      | 535M Left Hand Threading Kit                              | 3 <sup>1</sup> / <sub>2</sub>  | 1.6  |
| 97365       | -         | Jaw Inserts for Coated Pipe                               | 1/2                            | 0.2  |
| 84532       | 817       | 1/2" - 2" Semi-Automatic Die Head                         | 13                             | 5.9  |

Machines Listed as 1/2"-2" include Standard Equipment. Machine Only includes Standard Equipment less all Die Heads and Dies

All machines have 50/60 Hz Universal 1/2 HP single-phase motors

Note: NPT Dies are for NPT Die Heads only, BSPT Dies are for BSPT Die Heads only

Please use Catalog Item Numbers when ordering. Use High Speed Dies for machines of 45 or more RPM

## Steel Cabinet Features

- 17-gauge steel walls and welded construction
- Two Internal and one external storage shelves
- Oversized bi-fold door with steel clasp
- Cut-outs for power cord and foot switch storage
- Two drain plugs for easy cleaning



See page 4.12

## Power Threading Machines



### Model 1215 Threading Machine

- Compact, lightweight design.
- One-piece aluminum housing.
- Two easy-to-use carrying handles.
- Integral foot switch hanger.
- Powerful motor and transmission.
- Through die head oiling.
- Adjustable oil flow control.
- Approved by CSA to CSA and UL standards (115V only).

### Specifications

- Pipe Capacity – 1/4" - 1 1/2" (6mm-37mm).
- Bolt Capacity – Bolt: 5/16" - 1" (6mm-25mm).
- Spindle Speed – 44 RPM right hand operation.
- Motor – 1/2 HP universal motor 50/60 Hz.
- Motor Control – ON/OFF heavy duty switch and integral foot switch.
- Front Chuck – Hammer type with replaceable rocker action jaw inserts.
- Rear Centering Device – Cam action.
- Oiling – Through die head adjustable.
- Pump – Self-priming constant flow, gerotor type.
- Cutter – Model 732.
- Reamer – Model 344, 1/4" - 1 1/2".

### Standard Equipment

- 97065 – 811A 1/8" - 2" NPT, Quick Opening, RH.
- 47745 – 1/2" - 3/4" Universal Alloy Die Set.
- 47750 – 1 - 1 1/2" Universal Alloy Die Set.
- 58657 – 732 Cutter Assembly.
- 34612 – Model 344 1/8" - 2" Reamer.
- 70835 – Nu-Clear.

| Catalog No. | Model No. | Description     | Voltage | Frequency | Weight |    |
|-------------|-----------|-----------------|---------|-----------|--------|----|
|             |           |                 | V       | Hz        | lb.    | kg |
| 61142       | 1215      | 1/2"-1 1/2" NPT | 115     | 60        | 80     | 35 |

### Accessories

| Catalog No. | Model No. | Description                                  | Weight |      |
|-------------|-----------|----------------------------------------------|--------|------|
|             |           |                                              | lb.    | kg   |
| 61187       | 1203      | Tripod Stand                                 | 15     | 6.8  |
| 62457       | 1219      | Nipple Chuck, NPT For 1215                   | 5 3/4  | 2.6  |
| 97045       | 531       | Bolt Die Head Quick-Open R.H./L.H. 1/4" - 1" | 8      | 3.60 |
| 84537       | 816       | 1/8" - 3/4" Semi-Automatic Die Head          | 13     | 5.90 |
| 84532       | 817       | 1/2" - 2" Semi-Automatic Die Head            | 13     | 5.90 |

# Power Threading Machines



## Model 300 Compact Threading Machine

- Heavy-duty proven performance.
- Lightweight, portable design.
- Fast transport and set-up.
- Self-Contained Oil System with adjustable flow control.
- Versatility for threading and grooving.
- Quiet operation.

## Specifications

- Pipe Capacity – 1/8" - 2" (3mm-50mm).
- Bolt Capacity – 1/4" - 2" (6mm-50mm).
- Spindle Speed – 38 RPM (52 RPM available).
- Motor – 1/2 HP, 115V universal 50/60 Hz.
- Motor Control – Heavy duty rotary FOR/OFF/REV with integral foot switch.
- Chuck – Hammer-type with replaceable, rocker-action jaw inserts.
- Oiling System – Through-the-head, with integral oil reservoir. Self-priming, constant-flow, gerotor pump.

## Standard Equipment

- 70835 – Nu-Clear.
- 97065 – 811A 1/8" - 2" NPT, Quick Opening, RH.
- 34612 – Model 344 1/8"-2" Reamer.
- 42370 – Model 360 1/8"-2" Full Floating, Self Centering Cutter.
- 47745 – 1/2" - 3/4" Universal Alloy Die Set.
- 47750 – 1 - 1 1/2" Universal Alloy Die Set.
- Key, Hex 5/32.
- Key, Hex 3/16.
- Key, Hex 5/16.

| Catalog No. | Model No.        | Pipe Capacity |        | Dies Used | Spindle Speed | Voltage | Frequency | Weight |      |
|-------------|------------------|---------------|--------|-----------|---------------|---------|-----------|--------|------|
|             |                  | in.           | mm     |           |               | V       | Hz        | lb.    | kg   |
| 66947       | 300 Compact      | 1/8 - 2       | 3 - 50 | NPT       | 38 RPM        | 115     | 50 - 60   | 115    | 52.3 |
| 67182       | 300 Compact Kit  | 1/2 - 2       | 3 - 50 | NPT       | 38 RPM        | 115     | 50 - 60   | 160    | 72.7 |
| 73447       | 300 Compact*     | 1/8 - 2       | 3 - 50 | NPT       | 52 RPM        | 115     | 50 - 60   | 115    | 52.3 |
| 75602       | 300 Compact Kit* | 1/8 - 2       | 3 - 50 | NPT       | 52 RPM        | 115     | 50 - 60   | 160    | 72.7 |
| 58752       | 300 Compact      | 1/8 - 2       | 3 - 50 | BSPT      | 38 RPM        | 230     | 50 - 60   | 115    | 52.3 |
| 58757       | 300 Compact      | 1/8 - 2       | 3 - 50 | NPT       | 38 RPM        | 230     | 50 - 60   | 115    | 52.3 |

\*20 AMP, 115V circuit required.

## Stands

| Catalog No. | Model No. | Description                     | Weight |      |
|-------------|-----------|---------------------------------|--------|------|
|             |           |                                 | lb.    | kg   |
| 67657       | 250       | Folding Wheel Stand             | 45     | 21.0 |
| 92457       | 100A      | Universal Leg & Tray Stand      | 75     | 34.5 |
| 92462       | 150A      | Universal Wheel & Tray Stand    | 103    | 46.7 |
| 92467       | 200A      | Universal Wheel & Cabinet Stand | 104    | 74.5 |

## Die Heads

| Catalog No. | Model No. | Description                                   | Weight |     |
|-------------|-----------|-----------------------------------------------|--------|-----|
|             |           |                                               | lb.    | kg  |
| 84537       | 816       | 1/8" - 3/4" Semi-Automatic Die Head           | 13     | 5.9 |
| 97045       | 531       | Bolt Die Head Quick-Open R.H./L.H. 1/4"-1"    | 8      | 3.6 |
| 97050       | 532       | Bolt Die Head Quick-Open R.H./L.H. 1 1/8"-2"  | 9      | 4.1 |
| 97065       | 811A      | 811A 1/8" - 2" NPT, Quick Opening, RH         | 13     | 5.9 |
| 97075       | 815A      | 815A 1/8" - 2" NPT Die Head, Self-Opening, RH | 13     | 5.9 |
| 84532       | 817       | 1/2" - 2" Semi-Automatic Die Head             | 13     | 5.9 |
| 97070       | 811A      | BSPT Die Head Quick-Open R.H.                 | 12 1/2 | 5.7 |
| 97080       | 815A      | 815A 1/8"-2" BSPT Self-Opening Die Head       | 13     | 5.9 |

## Accessories

| Catalog No. | Model No. | Description                                            | Weight |      |
|-------------|-----------|--------------------------------------------------------|--------|------|
|             |           |                                                        | lb.    | kg   |
| 51005       | 819       | Nipple Chuck Complete, 1/2" - 2" NPT                   | 10 1/2 | 4.8  |
| 67662       |           | Adapter Bracket for 300 PD Version of 916 Roll Groover | 30     | 13.6 |
| 68160       | 819       | Nipple Chuck 1/2"-2" BSPT                              | 10 1/2 | 4.8  |



See page 4.12

Threader Stands



Model 1406



Model 100A



Model 150A



Model 200A



Model 250

Threader Stands

Stands are available to satisfy every operational situation. The Model 250 Folding Wheel Stand provides increased field maneuverability and productivity.

| Catalog No. | Model No. | Description                                   | Weight |       |
|-------------|-----------|-----------------------------------------------|--------|-------|
|             |           |                                               | lb.    | kg    |
| 20105       | 1406      | Folding Wheel Stand w/ No. 1460 Oil Pan Cover | 71½    | 32.50 |
| 92457       | 100A      | Universal Leg & Tray Stand                    | 75     | 34.50 |
| 92462       | 150A      | Universal Wheel & Tray Stand                  | 103    | 46.70 |
| 92467       | 200A      | Universal Wheel & Cabinet Stand               | 104    | 74.50 |
| 67657       | 250       | Folding Wheel Stand                           | 45     | 21.00 |
| 22563       | -         | Steel Cabinet                                 | 42     | 19.30 |





No. 811A Quick-Opening Die Head



No. 532 Bolt Die Head



No. 815A Self-Opening Die head



No. 816/817 Semi-Automatic



Mono Die Head

## Optional Die Heads

- Self-Opening (SO) – Automatic release for repeatable number of threads.
- Quick-Opening (QO) – Manual release for user-specified thread lengths.
- Bolt – Specially for bolt threader.
- Mono – Dedicated to a specific size of thread.
- Semi-Automatic (SA) – Can be quickly adjusted from size to size with manual release.

## Machine NPT Die Heads

| Catalog No. | Model No. | Description                                   | How Opened | Thread Direction | Oil Thru Head | Dies Used | Pipe Capacity |        | Bolt Capacity |        | Weight |     |
|-------------|-----------|-----------------------------------------------|------------|------------------|---------------|-----------|---------------|--------|---------------|--------|--------|-----|
|             |           |                                               |            |                  |               |           | in.           | mm     | in.           | mm     | lb.    | kg  |
| 97065       | 811A      | 811A 1/8" - 2" NPT, Quick Opening, RH         | Q.O        | RH               | Yes           | Univ.     | 1/8 - 2       | 3 - 50 | 1/4 - 2       | 6 - 50 | 13     | 5.9 |
| 97075       | 815A      | 815A 1/8" - 2" NPT Die Head, Self-Opening, RH | S.O        | RH               | Yes           | Univ.     | 1/8 - 2       | 3 - 50 | 1/4 - 2       | 6 - 50 | 13     | 5.9 |
| 84537       | 816       | 1/8" - 3/4" Semi-Automatic Die Head           | S.A        | RH               | Yes           | Univ.     | 1/8 - 3/4     | -      | -             | -      | 13     | 5.9 |
| 84532       | 817       | 1/2" - 2" Semi-Automatic Die Head             | S.A        | RH               | Yes           | Univ.     | 1 - 2         | -      | -             | -      | 13     | 5.9 |
| 23282       | 842       | Universal Die Head                            | Q.O        | LH               | Yes           | Univ.     | 1/8 - 2       | -      | -             | -      | 12 1/2 | 5.7 |
| 10491       | 555       | 555                                           | Q.O        | RH               | Yes           | Dual/Bolt | 1/8 - 3/4     | -      | -             | -      | 8      | 3.6 |

## Machine BSPT Die Heads

| Catalog No. | Model No. | Description                               | How Opened | Thread Direction | Oil Thru Head | Dies Used | Pipe Capacity |        | Bolt Capacity |        | Weight |     |
|-------------|-----------|-------------------------------------------|------------|------------------|---------------|-----------|---------------|--------|---------------|--------|--------|-----|
|             |           |                                           |            |                  |               |           | in.           | mm     | in.           | mm     | lb.    | kg  |
| 97070       | 811A      | BSPT Die Head Quick-Open R.H.             | Q.O        | RH               | Yes           | Univ.     | 1/8 - 2       | 3 - 50 | 0 - 2         | 6 - 2  | 12 1/2 | 5.7 |
| 97080       | 815A      | 815A 1/8" - 2" BSPT Self-Opening Die Head | S.O        | RH               | Yes           | Univ.     | 1/8 - 2       | 3 - 50 | 0 - 2         | 6 - 50 | 13     | 5.9 |
| 23297       | 856       | British Universal                         | S.O        | LH               | Yes           | Univ.     | 1/8 - 2       | -      | -             | -      | 12 1/2 | 5.7 |

## Machine Bolt Die Heads

| Catalog No. | Model No. | Description                                  | How Opened | Thread Direction | Oil Thru Head | Dies Used | Pipe Capacity |    | Bolt Capacity |         | Weight |     |
|-------------|-----------|----------------------------------------------|------------|------------------|---------------|-----------|---------------|----|---------------|---------|--------|-----|
|             |           |                                              |            |                  |               |           | in.           | mm | in.           | mm      | lb.    | kg  |
| 97045       | 531       | Bolt Die Head Quick-Open R.H./L.H. 1/4"-1"   | Q.O        | RH/LH            | Yes           | 500B      | -             | -  | 1/4 - 1       | 3 - 25  | 8      | 3.6 |
| 97050       | 532       | Bolt Die Head Quick-Open R.H./L.H. 1 1/8"-2" | Q.O        | RH/LH            | Yes           | 500B      | -             | -  | 1 1/8 - 2     | 29 - 51 | 9      | 4.1 |

## Machine Mono Die Heads

| Catalog No. | Model No. | Description | How Opened | Thread Direction | Oil Thru Head | Dies Used | Pipe Capacity |    | Bolt Capacity |    | Weight |     |
|-------------|-----------|-------------|------------|------------------|---------------|-----------|---------------|----|---------------|----|--------|-----|
|             |           |             |            |                  |               |           | in.           | mm | in.           | mm | lb.    | kg  |
| 42047       | 500A      | Mono        | Q.O        | RH               | Yes           | Mono      | 1/8           | 3  | -             | -  | 6 3/4  | 3.1 |
| 42052       | 500A      | Mono        | Q.O        | RH               | Yes           | Mono      | 1/4           | 6  | -             | -  | 7      | 3.2 |
| 42057       | 500A      | Mono        | Q.O        | RH               | Yes           | Mono      | 3/8           | 10 | -             | -  | 7      | 3.2 |
| 42062       | 500A      | Mono        | Q.O        | RH               | Yes           | Mono      | 1/2           | 13 | -             | -  | 7 1/4  | 3.3 |
| 42067       | 500A      | Mono        | Q.O        | RH               | Yes           | Mono      | 3/4           | 19 | -             | -  | 7 1/4  | 3.3 |
| 42072       | 500A      | Mono        | Q.O        | RH               | Yes           | Mono      | 1             | 25 | -             | -  | 8      | 3.6 |
| 42077       | 500A      | Mono        | Q.O        | RH               | Yes           | Mono      | 1 1/4         | 29 | -             | -  | 8      | 3.6 |
| 42082       | 500A      | Mono        | Q.O        | RH               | Yes           | Mono      | 1 1/2         | 38 | -             | -  | 8 1/2  | 3.9 |
| 42087       | 500A      | Mono        | Q.O        | RH               | Yes           | Mono      | 2             | 51 | -             | -  | 8 1/2  | 3.9 |

Used On: 1215, 1233, 535, 535A, 1822 Machines and 300, 300 Compact and 300-A w/carriage.

No. 811A Die Head replaces No. 811 and No. 841 Die Heads

No. 815A Die Head replaces No. 815 and No. 845 Die Heads

No. 500A Die Head replaces No. 500 Mono Die Heads.

No. 555 Die Head replaces No. 515

Note: British Die Heads use British Dies only

Note: 531 and 532 Die Heads replace 500B Die Head

Individual Machine Die Heads do not include Dies

## Die Head Racks for All Machine Die Heads

| Catalog No. | Model No. | Description | Weight |     |
|-------------|-----------|-------------|--------|-----|
|             |           |             | lb.    | kg  |
| 42485       | 4U        | 4 Heads     | 8 1/2  | 3.9 |
| 42490       | 6U        | 6 Heads     | 12 1/2 | 5.7 |



See page 4.12

## Power Threading Machines



### Model 1224 Threading Machine

- The Model 1224 threads a wide range of pipe including black, galvanized and plastic-coated pipe, together with stainless steel, IMC and heavy-wall conduit, as well as rod up to 30 Rockwell C.
- An induction motor helps minimize noise.
- A special capacitor-start / capacitor-run motor allows the 1224 to thread a full range of material where voltage drop is experienced.
- 1/4"-2" Universal Die Head; 2 1/2"-4" receding die head allows cutting of tapered or straight NPT/NPSM or BSPT/BSPP threads.
- Constant and proper lubrication of dies and workpiece with through-head oiling.

### Specifications

- Nominal Pipe Capacity – 1/4"-2" (6mm-100mm) @ 36 RPM, 2-1/2"-4" (65mm-100mm) @ 12 RPM, 4"-6" (100mm-150mm) with 161 Geared Threader.
- Bolt Capacity – 1/4"-2" (6mm-50mm).
- Spindle Speed – 36/12 RPM.
- Motor – 1 1/2 HP, single-phase, 60 Hz or 50 Hz, induction type.
- Motor Control – Reverse/Off/Forward, heavy-duty rotary-type and integral foot switch.
- Gear Box – Two-speed gear box 3:1 ratio.
- Chuck – Hammer-type with replaceable rocker-action jaw inserts.
- Rear Centering Device – Cam action.
- Oiling Pump – Self-priming, gerotor-type, automatic-reversing, constant-flow.
- Oiling: – Through die head.

### Standard Equipment

- 26132 – Diehead, 711 SO Univ L/Dies.
- 26152 – Diehead, 714 SO Recd L/Dies.
- 26192 – Dies. 1224 2-1/2"-4NPT HS.
- 26212 – 1/4"-4" Wheel-Type Cutter.
- 26217 – 1/4"-4" Blade-Type Reamer.
- 33125 – Wheel, Cutter F229.
- 46030 – Key, Hex 3/16.
  - Key, Hex 7/32.
  - Key, Hex 1/4.
- 47795 – Dies, Univ 1/2-3/4 NPT.
- 47750 – Dies, Univ 1-2 NPT.
- 70835 – Nu-Clear.
  - Wrench, 3/4 COMB.
  - Tool Box.

| Catalog No. | Model No. | RPM   | Capacity | Dies Used | Voltage | Frequency<br>Hz | Weight |       |
|-------------|-----------|-------|----------|-----------|---------|-----------------|--------|-------|
|             |           |       | in.      |           | V       |                 | lb.    | kg    |
| 26092       | 1224      | 36/12 | 1/2 - 4  | NPT       | 120     | 60              | 509.0  | 231.0 |
| 26097       | 1224      | 36/12 | 1/2 - 4  | NPT       | 240     | 60              | 509.0  | 231.0 |
| 26127       | 1224      | 36/12 | 1/2 - 4  | BSPT      | 120     | 60              | 509.0  | 231.0 |
| 26112       | 1224      | 36/12 | 1/2 - 4  | BSPT      | 115     | 50              | 463.0  | 231.0 |
| 26122       | 1224      | 36/12 | 1/2 - 4  | BSPT      | 240     | 60              | 509.0  | 231.0 |
| 26107       | 1224      | 36/12 | 1/2 - 4  | BSPT      | 220     | 50              | 463.0  | 210.0 |
| 31442       | 1224      | 36/12 | 1/2 - 4  | NPT       | 220     | 50              | 463.0  | 210.0 |





Model 541  
Model 542



Model 713  
Model 913



Model 714 (914) Style Receding Die Head

## Stands

| Catalog No. | Model No. | Description                     | Weight |       |
|-------------|-----------|---------------------------------|--------|-------|
|             |           |                                 | lb.    | kg    |
| 22563       | -         | Steel Cabinet                   | 42     | 19.30 |
| 92457       | 100A      | Universal Leg & Tray Stand      | 75     | 34.50 |
| 92462       | 150A      | Universal Wheel & Tray Stand    | 103    | 46.70 |
| 92467       | 200A      | Universal Wheel & Cabinet Stand | 104    | 74.50 |

## Die Heads

| Catalog No. | Model No. | Description                        | Capacity      |            | Weight |      |
|-------------|-----------|------------------------------------|---------------|------------|--------|------|
|             |           |                                    | in.           | mm         | lb.    | kg   |
| 26132       | 711       | Universal Self-Opening R.H.. NPT   | 1/4 - 2       | 6.4 - 50.8 | 12.2   | 5.6  |
| 26137       | 911       | Universal Self-Opening R.H.. BSPT  | 1/4 - 2       | 6.4 - 50.8 | 12.2   | 5.6  |
| 26142       | 713       | Universal Quick-Opening L.H.. NPT  | 1/4 - 2       | 6.4 - 50.8 | 12.2   | 5.6  |
| 26147       | 913       | Universal Quick-Opening L.H.. BSPT | 1/4 - 2       | 6.4 - 50.8 | 12.2   | 5.6  |
| 26152       | 714       | Receding Self-Opening R.H.. NPT    | 2 1/2 - 4     | 64 - 102   | 30.0   | 13.6 |
| 26157       | 914       | Receding Self-Opening R.H.. BSPT   | 2 1/2 - 4     | 64 - 102   | 30.0   | 13.6 |
| 26162       | 541       | Quick-Opening Bolt L.H./R.H.       | 1/4 - 1       | 6.4 - 25.4 | 7.5    | 3.4  |
| 26167       | 542       | Quick-Opening Bolt L.H./R.H.       | 1 1/8 - 2     | 29 - 50.8  | 9.2    | 4.2  |
| 55447       | 725       | Cut-Grooving Die Head              | 2 1/2 - 4     | 64 - 102   | 30.0   | 13.6 |
| 55452       | 766       | Blade Type Cutter                  | 3/4 - 4       | 64 - 88.9  | 21.0   | 9.5  |
| 57492       | -         | 4" Grooving Die Set*               | -             | -          | 2.2    | 1.0  |
| 57497       | -         | 2 1/2"-3 1/2" Grooving Die Set*    | 2 1/2 - 3 1/2 | 102        | 2.2    | 1.0  |
| 57502       | -         | 4" Grooving Bit only*              | -             | -          | -      | -    |
| 57507       | -         | 2 1/2"-3 1/2" Grooving Bit only*   | -             | 19 - 102   | -      | -    |
| 58712       | -         | Cut-Off Tool Bit                   | -             | -          | -      | -    |

Note: Die Heads do not include dies. All Die Heads are through-head oiling  
\*Not for use with stainless steel

## Pipe Dies

| Catalog No. | Description                                 | Capacity  |          | Weight |     |
|-------------|---------------------------------------------|-----------|----------|--------|-----|
|             |                                             | in.       | mm       | lb.    | kg  |
| 26192       | 1224 H.S. Dies NPT                          | 2 1/2 - 4 | 62 - 100 | 2.2    | 1.0 |
| 31827       | 1224 H.S. NPT Dies for Plastic-Coated Pipe  | 2 1/2 - 4 | 62 - 100 | 2.2    | 1.0 |
| 31832       | 1224 H.S. BSPT Dies for Plastic-Coated Pipe | 2 1/2 - 4 | 62 - 100 | 2.2    | 1.0 |
| 32237       | 1224 H.S. Dies NPT for PVC                  | 2 1/2 - 4 | 62 - 100 | 2.0    | 1.0 |
| 32242       | 1224 H.S. Dies BSPT for PVC                 | 2 1/2 - 4 | 62 - 100 | 2.0    | 1.0 |
| 33057       | 1224 H.S. Dies NPT for Stainless Steel      | 2 1/2 - 4 | 62 - 100 | 2.0    | 1.0 |
| 33072       | 1224 45° Beveling Dies                      | 2 1/2 - 4 | 62 - 100 | 2.0    | 1.0 |
| 33077       | 1224 37 1/2° Beveling Dies                  | 2 1/2 - 4 | 62 - 100 | 2.0    | 1.0 |
| 33642       | 1224 H.S. Dies BSPT                         | 2 1/2 - 4 | 62 - 100 | 2.2    | 1.0 |
| 44992       | 1224 Bevel Guide Set                        | 2 1/2 - 4 | 62 - 100 | 2.0    | 1.0 |
| 44997       | 1224 37 1/2° Bevel Bit Only                 | -         | -        | -      | -   |
| 45002       | 1224 45° Bevel Bit Only                     | -         | -        | -      | -   |

Note: NPSM threads are made with NPT dies by adjusting the die head. See manual for details.

## Accessories

| Catalog No. | Model No. | Description                                | Capacity |         | Weight |      |
|-------------|-----------|--------------------------------------------|----------|---------|--------|------|
|             |           |                                            | in.      | mm      | lb.    | kg   |
| 51005       | 819       | Nipple Chuck Complete. 1/2" - 2" NPT       | 1/2 - 2  | 12 - 50 | 10.5   | 4.8  |
| 61122       | 840A      | Universal Drive Shaft                      | -        | -       | 31.0   | 14.1 |
| 26187       | -         | Jaw Insert and Roll Set for PE-Coated Pipe | -        | -       | 0.2    | 0.1  |
| 26212       | 764       | 1/4" - 4" Wheel-Type Cutter                | -        | -       | 19.0   | 8.6  |
| 26217       | 744       | 1/4" - 4" Blade-Type Reamer                | -        | -       | 13.0   | 5.9  |
| 26707       | -         | Gear Grease (1224 & 1822)                  | -        | -       | 1.0    | 0.5  |
| 34157       | 419       | Nipple Chuck 2 1/2" NPT                    | -        | -       | 5.5    | 2.5  |
| 34162       | 419       | Nipple Chuck 3" NPT                        | -        | -       | 5.5    | 2.5  |
| 34167       | 419       | Nipple Chuck 4" NPT                        | -        | -       | 5.5    | 2.5  |
| 34172       | 419       | Nipple Chuck 2 1/2" BSPT                   | -        | -       | 5.5    | 2.5  |
| 34177       | 419       | Nipple Chuck 3" BSPT                       | -        | -       | 5.5    | 2.5  |
| 34182       | 419       | Nipple Chuck 4" BSPT                       | -        | -       | 5.5    | 2.5  |
| 34577       | -         | 1/4" - 4" Reamer Blade                     | -        | -       | 0.5    | 0.2  |



See page 4.12

# THREADING

## Pipe Dies for Machine Die Heads



### Pipe Dies for use in Universal Die Heads (Models 504A, 711, 713, 811A, 815A, 816, 817 and 842)

|                                 | (NPT)                              |              |              |              | (NPSM)                             |              |              |              |
|---------------------------------|------------------------------------|--------------|--------------|--------------|------------------------------------|--------------|--------------|--------------|
|                                 | Nominal Pipe Size-Threads Per Inch |              |              |              | Nominal Pipe Size-Threads Per Inch |              |              |              |
| Die Material or Type            | 1/8"-27                            | 1/4"-3/8"-18 | 1/2"-3/4"-14 | 1"-2"-11 1/2 | 1/8"-27                            | 1/4"-3/8"-18 | 1/2"-3/4"-14 | 1"-2"-11 1/2 |
| Alloy RH                        | 47735                              | 47740        | 47745        | 47750        | -                                  | -            | -            | -            |
| High-Speed RH                   | 47755                              | 47760        | 47765        | 47770        | 47845                              | 47850        | 47855        | 47860        |
| High-Speed • LH                 | 39587                              | 47810        | 47815        | 47820        | -                                  | -            | -            | -            |
| H.S. For Stainless Steel RH     | 47775                              | 47780        | 47785        | 47790        | -                                  | -            | -            | -            |
| H.S. For Cast Iron              | -                                  | -            | -            | 70740        | -                                  | -            | -            | -            |
| H.S. For PVC RH                 | -                                  | -            | 70745        | 70750        | -                                  | -            | -            | -            |
| H.S. For Plastic Coated Pipe RH | -                                  | -            | 50012        | 31822        | -                                  | -            | -            | -            |

• Requires left hand model die head.

Note: Use HS for PVC and RH for brass pipe.

### Pipe Dies for use in British Universal Die Heads (Models 504A, 811A, 815A, 816, 817, 856, 911 and 913)

|                             | (BSPT)                             |              |              |          | (BSPP)                             |              |              |          |
|-----------------------------|------------------------------------|--------------|--------------|----------|------------------------------------|--------------|--------------|----------|
|                             | Nominal Pipe Size-Threads Per Inch |              |              |          | Nominal Pipe Size-Threads Per Inch |              |              |          |
| Die Material or Type        | 1/8"-28                            | 1/4"-3/8"-19 | 1/2"-3/4"-14 | 1"-2"-11 | 1/8"-28                            | 1/4"-3/8"-19 | 1/2"-3/4"-14 | 1"-2"-11 |
| Alloy RH                    | *66655                             | *66660       | *66665       | *66670   | -                                  | -            | -            | -        |
| High-Speed RH               | *66750                             | *66755       | *66760       | *66765   | *66795                             | *66800       | *66805       | *66810   |
| H.S. For Stainless Steel RH | *66770                             | *66775       | *66780       | *66785   | -                                  | -            | -            | *66830   |
| H.S. For PVC RH             | -                                  | -            | *70755       | *70760   | -                                  | -            | -            | -        |
| H.S. For PE-Coated RH       | -                                  | -            | -            | -        | -                                  | -            | -            | -        |

\* Requires British model die head.

### Conduit Dies for Universal Die Heads

|                      | (ISO)                              |            | (BEC)                                   |                |                  |
|----------------------|------------------------------------|------------|-----------------------------------------|----------------|------------------|
|                      | Nominal Conduit Size – Pitch in mm |            | Nominal Conduit Size – Threads Per Inch |                |                  |
| Die Material or Type | 16-32mm-15                         | 40-63mm-15 | 1/2"-5/8"-18                            | 3/4"-1 1/4"-16 | 1 1/2"-2 1/2"-14 |
| Alloy RH             | 50645                              | 50650      | 66700                                   | 66705          | 66710            |

### Pipe Dies for use in Model 500A Mono Die Heads

|                             | Nominal Pipe Size-Threads Per Inch (NPT) |         |         |         |         |           |               |               |           |
|-----------------------------|------------------------------------------|---------|---------|---------|---------|-----------|---------------|---------------|-----------|
|                             | 1/8"-27                                  | 1/4"-18 | 3/8"-18 | 1/2"-14 | 3/4"-14 | 1"-11 1/2 | 1 1/4"-11 1/2 | 1 1/2"-11 1/2 | 2"-11 1/2 |
| (NPT)                       |                                          |         |         |         |         |           |               |               |           |
| High-Speed RH               | 50700                                    | 50705   | 50710   | 50715   | 50720   | 50725     | 50730         | 50735         | 50740     |
| H.S. For Stainless Steel RH | 50745                                    | 50750   | 50755   | 50760   | 50765   | 50770     | 50775         | 50780         | 50785     |
| (NPSM)                      |                                          |         |         |         |         |           |               |               |           |
| High-Speed RH               | -                                        | -       | -       | 50895   | 50900   | 50905     | 50910         | 50915         | 50920     |

### Pipe Dies for 1/4"-3/8" Dual Die Heads (Model 502)

|               | (NPT) Nominal Pipe-Threads Per Inch |  |
|---------------|-------------------------------------|--|
|               | 1/4"-3/8"-18 TPI                    |  |
| High-Speed RH | 47940                               |  |

### Pipe Dies for Models 514 (LH), 515 (RH), 555 (RH), and 1/2"-3/4" Dual Die Heads

|                             | (NPT)                              |              |              | (BSPT)                             |              |
|-----------------------------|------------------------------------|--------------|--------------|------------------------------------|--------------|
|                             | Nominal Pipe Size-Threads Per Inch |              |              | Nominal Pipe Size-Threads Per Inch |              |
| Die Material or Type        | 1/8"-27                            | 1/4"-3/8"-18 | 1/2"-3/4"-14 | 1/4"-3/8"-19                       | 1/2"-3/4"-14 |
| Alloy RH                    | -                                  | -            | 47880        | 66955                              | 66880        |
| High-Speed RH               | 47885                              | 47890        | 47895        | 66905                              | 23297        |
| H.S. For Stainless Steel RH | 47900                              | 47905        | 47910        | -                                  | 66920        |

# Pipe Dies, Bolt Dies for Machine Die Heads

## Pipe Dies for Models 424 and 415 Die Head

|                      | (NPT)         | (NPSM)        |
|----------------------|---------------|---------------|
|                      | Pipe Size-TPI | Pipe Size-TPI |
| Die Material or Type | 2½"-4"x8 TPI  | 2½"-4"x8 TPI  |
| H.S. RH              | 99545         | 94220         |



## Bolt Dies for Universal Die Heads (Models 504A, 711, 811A, 815A, 816, 817 and 911 Die Heads)

| (UNC)          |               | (UNF)          |               | (BSW)             |            |
|----------------|---------------|----------------|---------------|-------------------|------------|
| Rod Size – TPI | RH High-Speed | Rod Size – TPI | RH High-Speed | Rod Size – RH TPI | High-Speed |
| ¼" - 20        | 48215         | ¼" - 28        | 48295         | ¼" - 20           | *67880     |
| ⅝" - 18        | 48220         | -              | -             | ⅝" - 18           | *67885     |
| ⅜" - 16        | 48225         | ⅜" - 24        | 48305         | ⅜" - 16           | *67890     |
| ⅞" - 14        | 48230         | ⅞" - 20        | 48310         | ⅞" - 14           | -          |
| ½" - 13        | 48235         | ½" - 20        | 48315         | ½" - 12           | *67900     |
| ⅞" - 12        | 48240         | ⅞" - 18        | 48320         | ⅞" - 12           | *67905     |
| ⅝" - 11        | 48245         | ⅝" - 18        | 48325         | ⅝" - 11           | *67910     |
| ¾" - 10        | 48250         | ¾" - 16        | 48330         | ¾" - 10           | *67915     |
| ⅞" - 9         | 48255         | ⅞" - 14        | 48335         | ⅞" - 9            | 67920      |
| 1" - 8         | 48260         | 1" - 14NS      | 48340         | 1" - 8            | *67925     |
| 1⅞" - 7        | 48265         | 1" - 12        | 48375         | 1⅞" - 7           | -          |
| 1¼" - 7        | 48270         | 1⅞" - 12       | 48345         | 1¼" - 7           | *67935     |
| 1⅜" - 6        | 48275         | 1¼" - 12       | 48350         | 1⅜" - 6           | -          |
| 1½" - 6        | 48280         | 1⅜" - 12       | 48355         | 1½" - 6           | *67945     |
| 1¾" - 5        | 48285         | 1½" - 12       | 48360         | 1¾" - 5           | -          |
| 2" - 4½        | 48290         | -              | -             | 2" - 4½           | 67955      |

\* Requires British model die head.

## Bolt Dies for Models 500B, 532 and 542 Die Heads

| (8 UN)         |               |
|----------------|---------------|
| Rod Size – TPI | RH High-Speed |
| 1⅞" - 8        | 49215         |
| 1¼" - 8        | 49220         |
| 1⅜" - 8        | 49225         |
| 1½" - 8        | 49230         |
| 1¾" - 8        | 49240         |
| 1⅞" - 8        | 49245         |
| 2" - 8         | 49250         |
| (12 UN)        |               |
| 2" - 12        | 49345         |

## Beveling Dies

For beveling pipe prior to welding. A set of beveling dies consists of three guide segments and one cutting segment.

| Catalog No. | Description        | Pipe Size |       | Used in Die Head | Weight |     |
|-------------|--------------------|-----------|-------|------------------|--------|-----|
|             |                    | in.       | mm    |                  | lb.    | kg  |
| 52192       | 37½° Bevel Die Set | ½-¾       | 12-20 | Universal        | 1      | 0.5 |
| 50960       | 37½° Bevel Die Set | 1-2       | 25-50 | Universal        | 1      | 0.5 |
| 52202       | 45° Bevel Die Set  | ½-¾       | 12-20 | Universal        | 1      | 0.5 |
| 50965       | 45° Bevel Die Set  | 1-2       | 25-50 | Universal        | 1      | 0.5 |

## Cut Grooving Dies

To cut groove pipe for mechanical type couplings, consult chart for sizes and die head information.

| Catalog No. | Description      | Pipe Size |       | Used in Die Head | Weight |     |
|-------------|------------------|-----------|-------|------------------|--------|-----|
|             |                  | in.       | mm    |                  | lb.    | kg  |
| 52217       | Grooving Die Set | ½-¾       | 12-20 | Universal        | 1      | 0.5 |
| 50985       | Grooving Die Set | 1-2       | 25-50 | Universal        | 1      | 0.5 |

Note: 2½ - 4 Beveling Dies are available for the Model 1224 threading Machine. See accessories for Model 1224.

Note: Universal Dies fit all Universal Die Heads.



See page 4.12

# THREADING

Bolt Dies for Models 500B and 531, 532, 541 and 542 Die Heads (Continued)

| (UNC)          |               |               | (UNF)          |               |
|----------------|---------------|---------------|----------------|---------------|
| Rod Size – TPI | RH High-Speed | LH High-Speed | Rod Size – TPI | RH High-Speed |
| ¼"-20          | 48605         | —             | ¼"-28          | 48690         |
| ⅝"-18          | 48610         | 48915         | ⅝"-24          | 48695         |
| ¾"-16          | 48615         | 48920         | ¾"-24          | 48700         |
| 7/16"-14       | 48620         | 48925         | 7/16"-20       | 48705         |
| ½"-13          | 48625         | 48930         | ½"-20          | 48710         |
| ⅜"-12          | 48630         | 48935         | ⅜"-18          | 48715         |
| ⅝"-11          | 48635         | 48940         | ⅝"-18          | 48720         |
| ¾"-10          | 48640         | 48945         | ¾"-16          | 48725         |
| 7/8"-9         | 48645         | 48950         | 7/8"-14        | 48730         |
| 1"-8           | 48650         | 48955         | 1"-12          | 48735         |
| 1 ⅛"-7         | 48655         | 48960         | 1"-14NS        | 49305         |
| 1 ¼"-7         | 48660         | 48965         | 1 ⅛"-12        | 48740         |
| 1 ⅝"-6         | 48665         | 48970         | 1 ¼"-12        | 48745         |
| 1 ½"-6         | 48670         | 48975         | 1 ⅝"-12        | -             |
| 1 ¾"-5         | 48675         | -             | 1 ½"-12        | 48755         |
| 2"-4½          | 48680         | 48985         | -              | -             |

For use with Models 531, 541 and 500B ¼"-1" Die Heads



For use with Models 532, 542 and 500B 1 ⅛"-2" Die Heads

| (BSW)          |               |
|----------------|---------------|
| Rod Size - TPI | RH High-Speed |
| ¼"-20          | -             |
| ⅝"-18          | -             |
| ¾"-16          | 67615         |
| 7/16"-14       | 67620         |
| ½"-12          | 67625         |
| ⅜"-12          | -             |
| ⅝"-11          | 67635         |
| ¾"-10          | 67640         |
| 7/8"-9         | 67645         |
| 1"-8           | 67650         |
| 1 ⅛"-7         | 67655         |
| 1 ¼"-7         | 67660         |
| 1 ⅝"-6         | 67665         |
| 1 ½"-6         | -             |
| 1 ¾"-5         | 67675         |
| 1 ¾"-5         | -             |
| 1 ⅞"-4½        | 67685         |
| 2"-4½          | -             |

For use with Models 531, 541 and 500B ¼"-1" Die Heads

For use with Models 532, 542 and 500B 1 ⅛"-2" Die Heads

Dies for Rebar, for use in Models 500B, 531, 532, 541 and 542 Die Heads

| Cat No.       |                | Cat No.       |                |
|---------------|----------------|---------------|----------------|
| (UNC)         |                | (UNF)         |                |
| RH High-Speed | Rebar Size—TPI | RH High-Speed | Rebar Size—TPI |
| 34077         | ¾"-16          | 85850         | 1"-8           |
| 34082         | ½"-13          | 79120         | 1 ⅛"-7         |
| 34087         | ⅝"-11          | 85855         | 1 ⅝"-6         |
| 34092         | ¾"-10          | -             | -              |

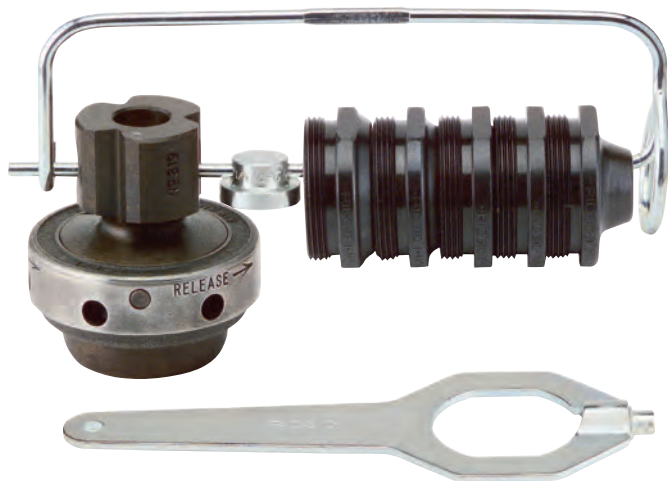
| Acme           |               | (S.I.) Series A Metric       |               |               | Series B Metric              |               | (ISO) International Standards. Org. |               |
|----------------|---------------|------------------------------|---------------|---------------|------------------------------|---------------|-------------------------------------|---------------|
| Rod Size - TPI | RH High-Speed | Rod Size Thread Pitch in. mm | RH High-Speed | LH High-Speed | Rod Size Thread Pitch in. mm | RH High-Speed | Rod Size Thread Pitch in. mm        | RH High-Speed |
| -              | -             | M6-1.0                       | 49795         | 49845         | -                            | -             | M6-1.0                              | 50040         |
| -              | -             | M7-1.0                       | -             | 49850         | -                            | -             | M7-1.0                              | -             |
| -              | -             | M8-1.25                      | 49805         | -             | -                            | -             | M8-1.25                             | 50050         |
| -              | -             | M9-1.25                      | -             | -             | -                            | -             | M9-1.25                             | -             |
| -              | -             | M10-1.5                      | 49815         | -             | M10-1.0                      | 50560         | M10-1.5                             | 50060         |
| -              | -             | M11-1.5                      | 49820         | 49870         | -                            | -             | M11-1.5                             | -             |
| ¾"-6           | 49610         | M12-1.75                     | 49825         | 49875         | M12-1.5                      | 85865         | M12-1.75                            | 50070         |
| -              | -             | M14-2.0                      | 49830         | -             | M14-1.5                      | -             | M14-2.0                             | 50075         |
| -              | -             | M16-2.0                      | 49835         | -             | M16-1.5                      | 50575         | M16-2.0                             | 50080         |
| -              | -             | M18-2.5                      | 49840         | 49890         | -                            | -             | M18-2.5                             | 50085         |
| -              | -             | M20-2.5                      | 50480         | 49895         | M20-1.5                      | 50585         | M20-2.5                             | 50090         |
| -              | -             | M22-2.5                      | 50485         | 49900         | M22-1.5                      | 50590         | M22-2.5                             | 50095         |
| 1"-5           | 49585         | M24-3.0                      | 50490         | 49905         | M24-2.0                      | 85870         | M24-3.0                             | 50100         |
| -              | -             | M25-3.0                      | 50495         | -             | -                            | -             | M27-3.0                             | 50105         |
| -              | -             | M26-3.0                      | -             | -             | -                            | -             | M30-3.5                             | 50110         |
| -              | -             | M27-3.0                      | 50500         | -             | M27-2.0                      | -             | M33-3.5                             | 50115         |
| -              | -             | M30-3.5                      | 50505         | 49915         | M30-2.0                      | -             | M36-4.0                             | 50120         |
| 1 ¼"-5         | 49600         | M33-3.5                      | 50510         | -             | -                            | -             | M39-4.0                             | 50125         |
| -              | -             | M36-4.0                      | 50515         | 49925         | -                            | -             | M42-4.5                             | 50130         |
| 1 ⅝"-4         | -             | M39-4.0                      | 50520         | 49930         | -                            | -             | M45-4.5                             | -             |
| -              | -             | M42-4.5                      | 50525         | -             | -                            | -             | M48-5.0                             | 50140         |
| -              | -             | M45-4.5                      | 50530         | -             | -                            | -             | M52-5.0                             | -             |
| -              | -             | M48-5.0                      | 50540         | -             | -                            | -             | -                                   | -             |
| -              | -             | M50-5.0                      | 50545         | -             | -                            | -             | -                                   | -             |
| -              | -             | M52-5.0                      | 50550         | -             | -                            | -             | -                                   | -             |

For use with Models 531, 541 and 500B ¼"-1" Die Heads

For use with Models 532, 542 and 500B 1 ⅛"-2" Die Heads

For metric high-speed rebar dies, Series B, ISO, see price list.

# Nipple Chucks / Adapters



## 819 Nipple Chuck Kit

- Holds short or close nipples for threading.
- For use with 300 Power Drive, 300 Compact, 535 and 1822 (with adapter kit) and 1224 Threading Machines.

## Standard Equipment

- 51020 – Nipple Chuck Wrench.
- Insert, nipple chuck.
- Adaptor, 1/2 NPT.
- Adaptor, Stud 3/4 NPT.
- Adaptor Stud 1" NPT.
- Adaptor, Stud 1-1/4 NPT.
- Adaptor, Stud 1-1/2 NPT.

| Catalog No. | Model No. | Description                          | Weight |      |
|-------------|-----------|--------------------------------------|--------|------|
|             |           |                                      | lb.    | kg   |
| 51005       | 819       | Nipple Chuck Complete, 1/2" - 2" NPT | 10 1/2 | 4.80 |
| 68160       | 819       | Nipple Chuck 1/2" - 2" BSPT          | 10 1/2 | 4.80 |
| 35867       | 839       | Adapter Kit for No. 819 Nipple Chuck | 16 1/2 | 7.50 |
| 51020       | D-380-X   | Nipple Chuck Wrench                  | 1/4    | 0.1  |
| 62457       | 1219      | Nipple Chuck, NPT For 1215           | 5 3/4  | 2.6  |

## Pipe Adapters

| Catalog No. | Model No. | Thread Type | Sizes |    | Weight |    |
|-------------|-----------|-------------|-------|----|--------|----|
|             |           |             | in.   | mm | lb.    | kg |
| 51040       | E-729     | NPT         | 1/8   | -  | 1/2    | 23 |
| 51045       | E-730     | NPT         | 1/4   | -  | 1/2    | 23 |
| 51050       | E-731     | NPT         | 3/8   | -  | 1/2    | 23 |
| 51055       | E-732     | NPT         | 1/2   | -  | 1/2    | 23 |
| 51060       | E-733     | NPT         | 3/4   | -  | 1/2    | 23 |
| 51065       | E-734     | NPT         | 1     | -  | 1/2    | 23 |
| 51070       | E-735     | NPT         | 1 1/4 | -  | 1/2    | 23 |
| 51075       | E-735     | NPT         | 1 1/2 | -  | 1/2    | 23 |
| 68165       | E-732-B   | BSPT        | 1/2   | -  | 1/2    | 23 |
| 68170       | E-733-B   | BSPT        | 3/4   | -  | 1/2    | 23 |
| 68175       | E-734-B   | BSPT        | 1     | -  | 1/2    | 23 |
| 68180       | E-735-B   | BSPT        | 1 1/4 | -  | 1/2    | 23 |
| 68185       | E-736-B   | BSPT        | 1 1/2 | -  | 1/2    | 23 |
| 68195       | E-730-B   | BSPT        | 1/4   | -  | 1/2    | 23 |
| 68200       | E-731-B   | BSPT        | 3/8   | -  | 1/2    | 23 |

For use with Model 819 Nipple Chuck to allow close nipple threading of all sizes of pipe smaller than 2 inches.



See page 4.12

