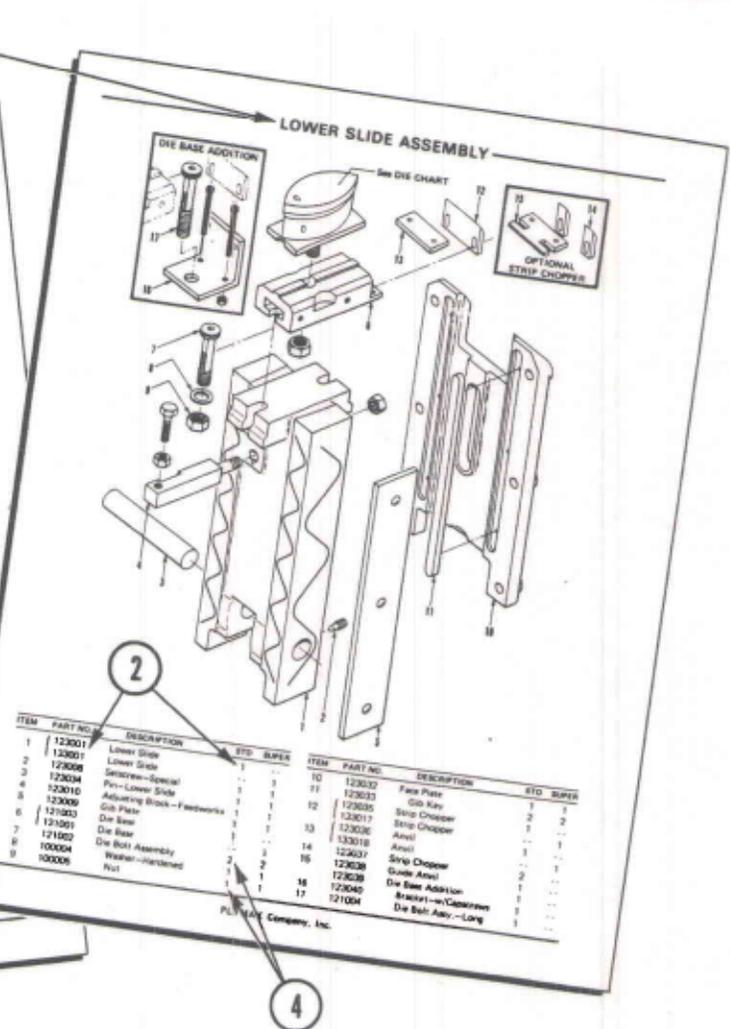
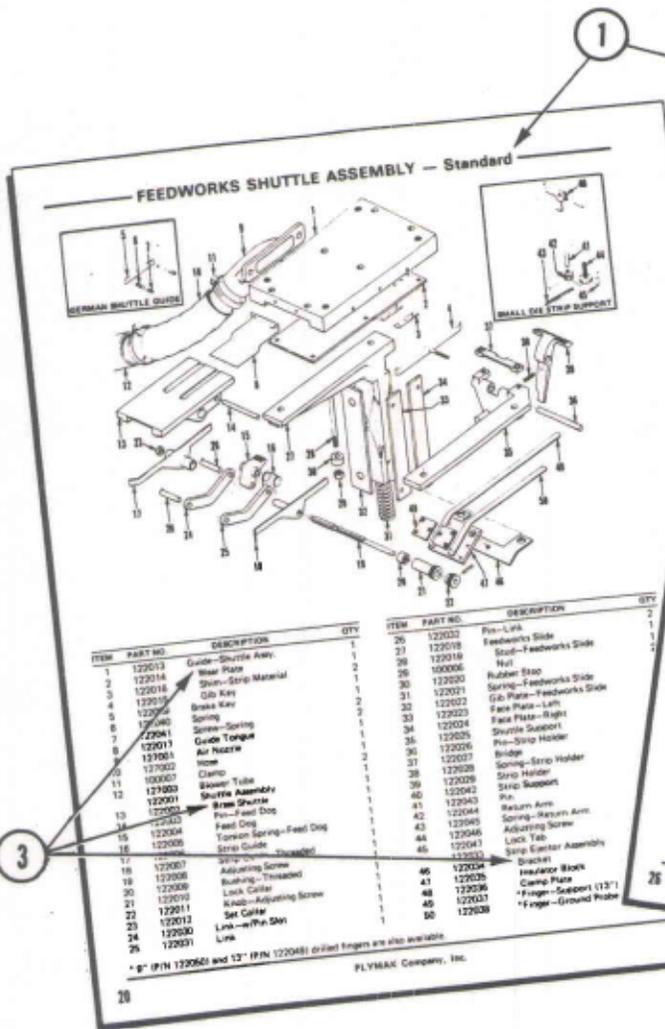


RAIMANN PATCHER REPLACEMENT PARTS CATALOG



**Northwest Dryer
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Order Desk
503-691-9091

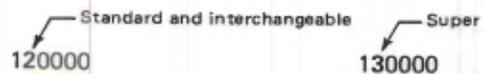


This manual is intended to cover service parts for both the Standard and Super veneer patchers. When using it to order parts there are a few important points to remember:

1. The page titles will tell you which pages apply to the Standard or Super patchers only. Those titles that contain no "Standard" or "Super" designation apply to both the Standard and Super patchers.
2. The pages that apply to both Standard and Super sometimes have two quantity columns. When there are two part numbers listed after one item number, the part number with a quantity shown in the "Standard" column is for a Standard patcher. The part number with a quantity shown in the "Super" column is for a Super patcher.
3. These part lists contain many parts which may be ordered as assemblies. In the part description column the assemblies have their sub-parts indented under them. The entire assembly can be ordered with a single part number for the assembly. Sub-parts can be ordered individually with their own part numbers.
4. Quantities listed are for one assembly. Note that two assemblies are shown, but the quantities of the sub-parts are indicated as one. This means one per assembly.
5. When a part number and description appears with no item number, this means the part or assembly has not been illustrated.

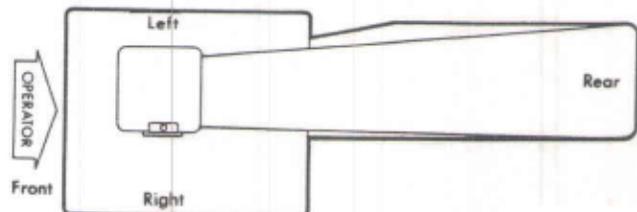
6. When an item number and description appears with no part number, the part is either not available, or available only as a sub-part of an assembly. In some instances a note will inform you that the part may be ordered by description.

7. The second digit of a part number denotes the model (Standard or Super) in which that part is used. "3" denotes Super only; "2" denotes Standard and those interchangeable with Super.



Use this information when ordering service parts for stock.

8. When ordering parts, specify part number, description and quantity desired.
9. Parts referred to in this manual as Right, Left, Front or Rear are in accordance with the following diagram:

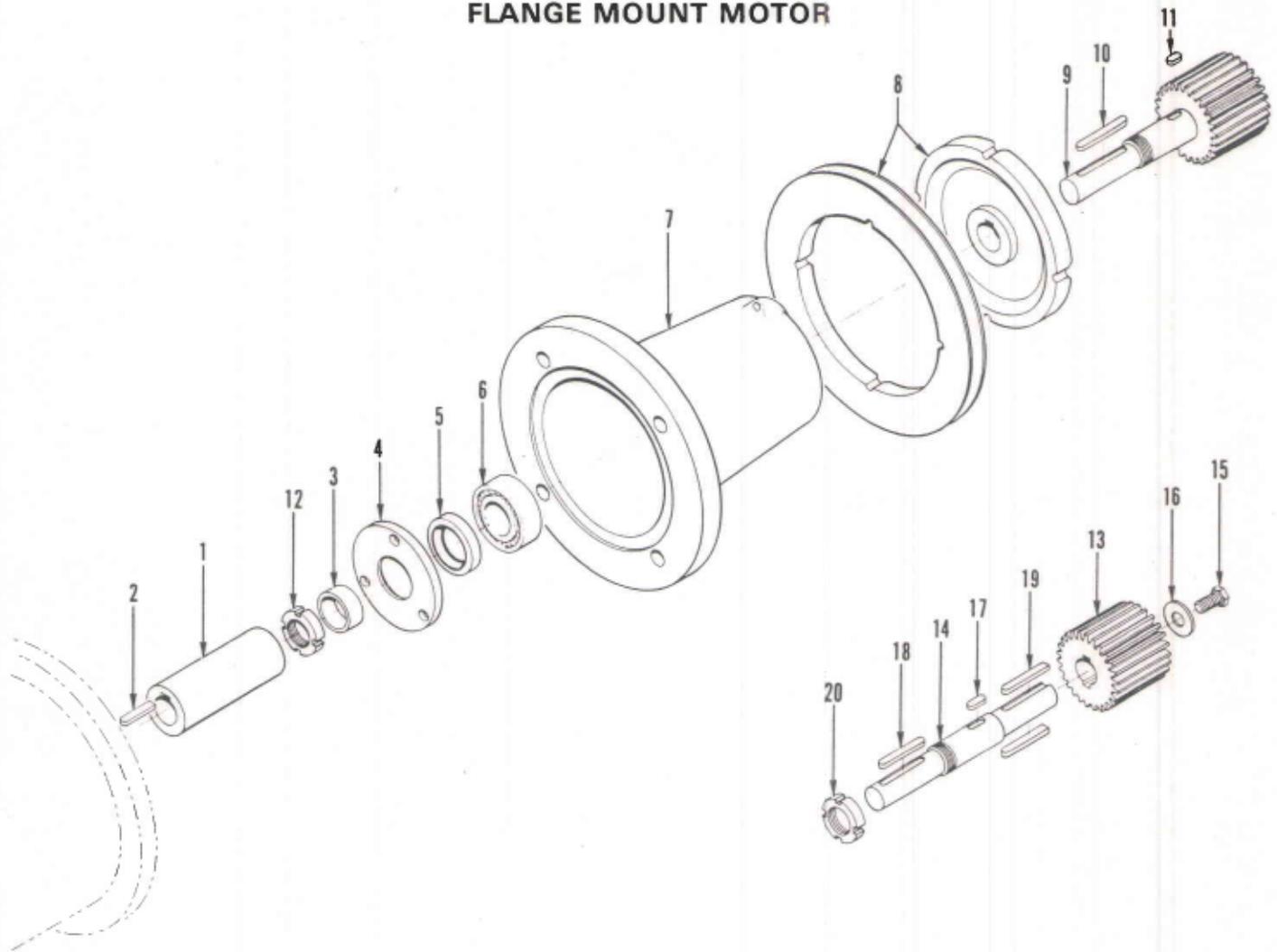


**Northwest Dryer
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BELLHOUSING & PINION GEAR ASSEMBLY—Standard

FLANGE MOUNT MOTOR



| ITEM | PART NO. | DESCRIPTION | QTY |
|------|----------|-----------------------------------|-----|
| 1 | 125057 | Coupling—28mm Bore | 1 |
| | 125058 | Coupling—Step Bore (22mm & 28mm) | |
| 2 | 125059 | Key—8mm | 1 |
| | 125060 | Key—6mm | |
| 3 | 125061 | Spacer | 1 |
| 4 | 125062 | Bearing Cover | 1 |
| 5 | 100038 | Seal—Cover | 1 |
| 6 | 100271 | Roller Bearing — Spherical | 1 |
| | 100039 | Ball Bearing—Self-Aligning | |
| 7 | 125063 | Bell Housing | 1 |
| 8 | 127024 | Off-Set Split Pulley—25/12 Clutch | 1 |
| | 127025 | Split Pulley—16/8 Clutch | |
| 9 | 125023 | Pinion Gear—Steel, 21 t. | 1 |
| | 125024 | Pinion Gear—Steel, 26 t. | |
| | 125025 | Pinion Gear—Steel, 31 t. | |
| 10 | 125032 | Key | 1 |
| 11 | 125033 | Key | 1 |
| 12 | 100031 | Locknut—N 07 | 1 |
| | 125042 | Locknut—Metric | |

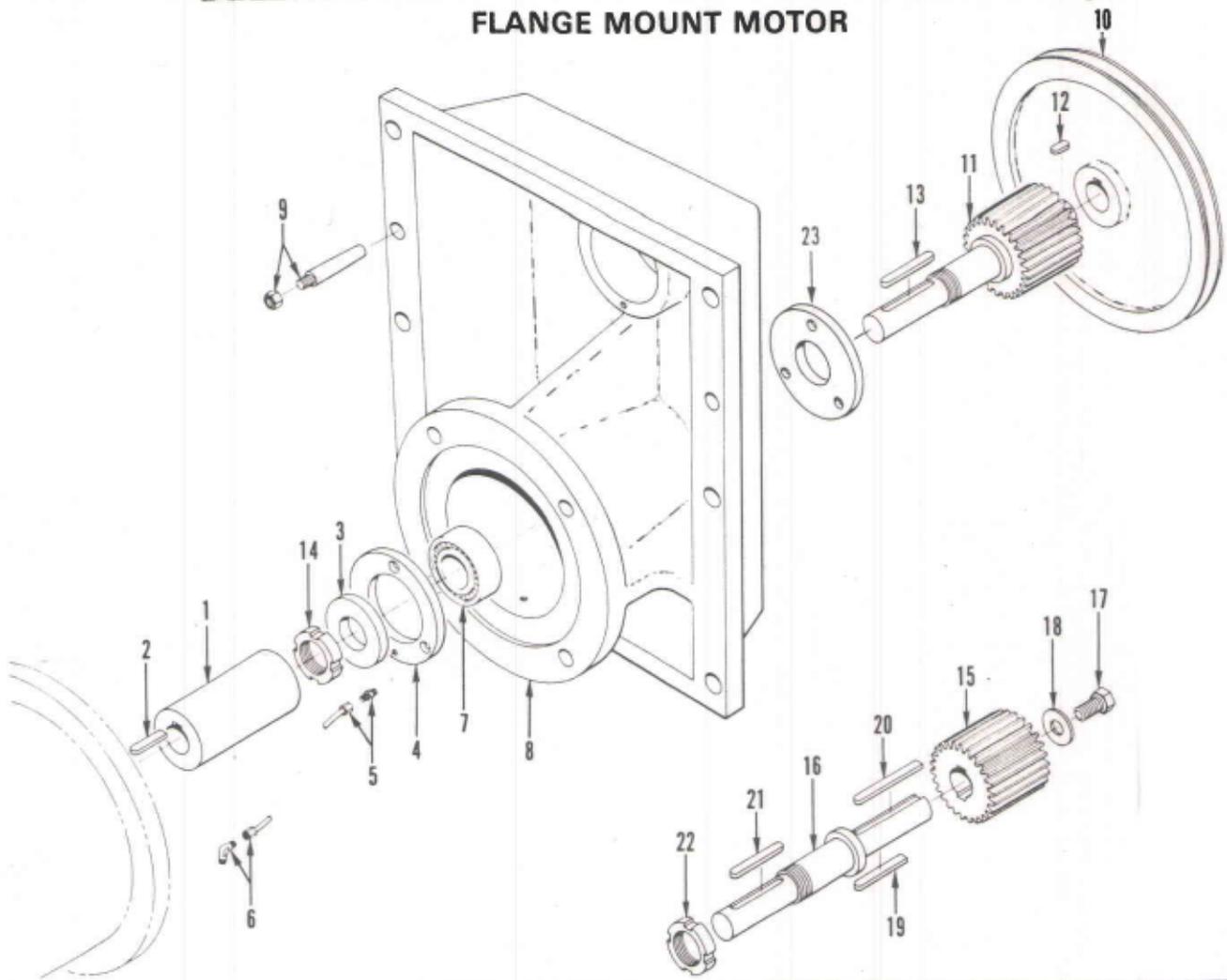
| ITEM | PART NO. | DESCRIPTION | QTY |
|------|----------|----------------------------------|-----|
| | 125040 | Nylon Pinion Gear Assy.—26 t. | 1 |
| | 125041 | Nylon Pinion Gear Assy.—31 t. | |
| 13 | 125026 | Pinion Gear—26 t. | 1 |
| | 125027 | Pinion Gear—31 t. <i>Plastic</i> | |
| 14 | 125037 | Shaft Assy.—Pinion | 1 |
| 15 | 125035 | Capscrew—3/8" UNF L.H. | 1 |
| 16 | 125036 | Retainer | 1 |
| 17 | 125033 | Key | 1 |
| 18 | 125032 | Key | 1 |
| 19 | 125034 | Key | 2 |
| 20 | 100031 | Locknut—N 07 | 1 |
| | 125042 | Locknut—Metric | |
| | 128001 | Cooling Fan—Baumuller, 2 HP | |
| | 128002 | Cooling Fan—Baumuller, 3 HP | 1 |



**Northwest Dryer
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BELLHOUSING & PINION GEAR ASSEMBLY—Super FLANGE MOUNT MOTOR



| ITEM | PART NO. | DESCRIPTION | QTY |
|------|----------|--------------------------------|-----|
| 1 | 135030 | Coupling | 1 |
| 2 | 135031 | Key | 1 |
| 3 | 135033 | Spacer | 1 |
| 4 | 135032 | Bearing Cover | 1 |
| 5 | 135034 | Grease Tube Assy. | 1 |
| | 100042 | Male Connector w/Nut | 1 |
| 6 | 100043 | Male Elbow w/Nut | 1 |
| 7 | 100272 | Roller Bearing—Spherical | 1 |
| | 100044 | Ball Bearing—Self-Aligning | 1 |
| 8 | 135027 | Bell Housing | 1 |
| 9 | 135028 | Alignment Pin w/Nut—U.S. Std. | 2 |
| | 135029 | Alignment Pin w/Nut—Metric | 2 |
| 10 | 137013 | Pulley—Blower Drive, 10mm K.W. | 1 |
| | 137014 | Pulley—Blower Drive, 8mm K.W. | 1 |
| 11 | 135011 | Pinion Gear—Steel, 21 t. | 1 |
| | 135012 | Pinion Gear—Steel, 26 t. | 1 |
| | 135013 | Pinion Gear—Steel, 31 t. | 1 |
| 12 | 135018 | Key | 1 |
| 13 | 135019 | Key | 1 |
| 14 | 100032 | Locknut—N 08 | 1 |
| | 135025 | Locknut—Metric | 1 |

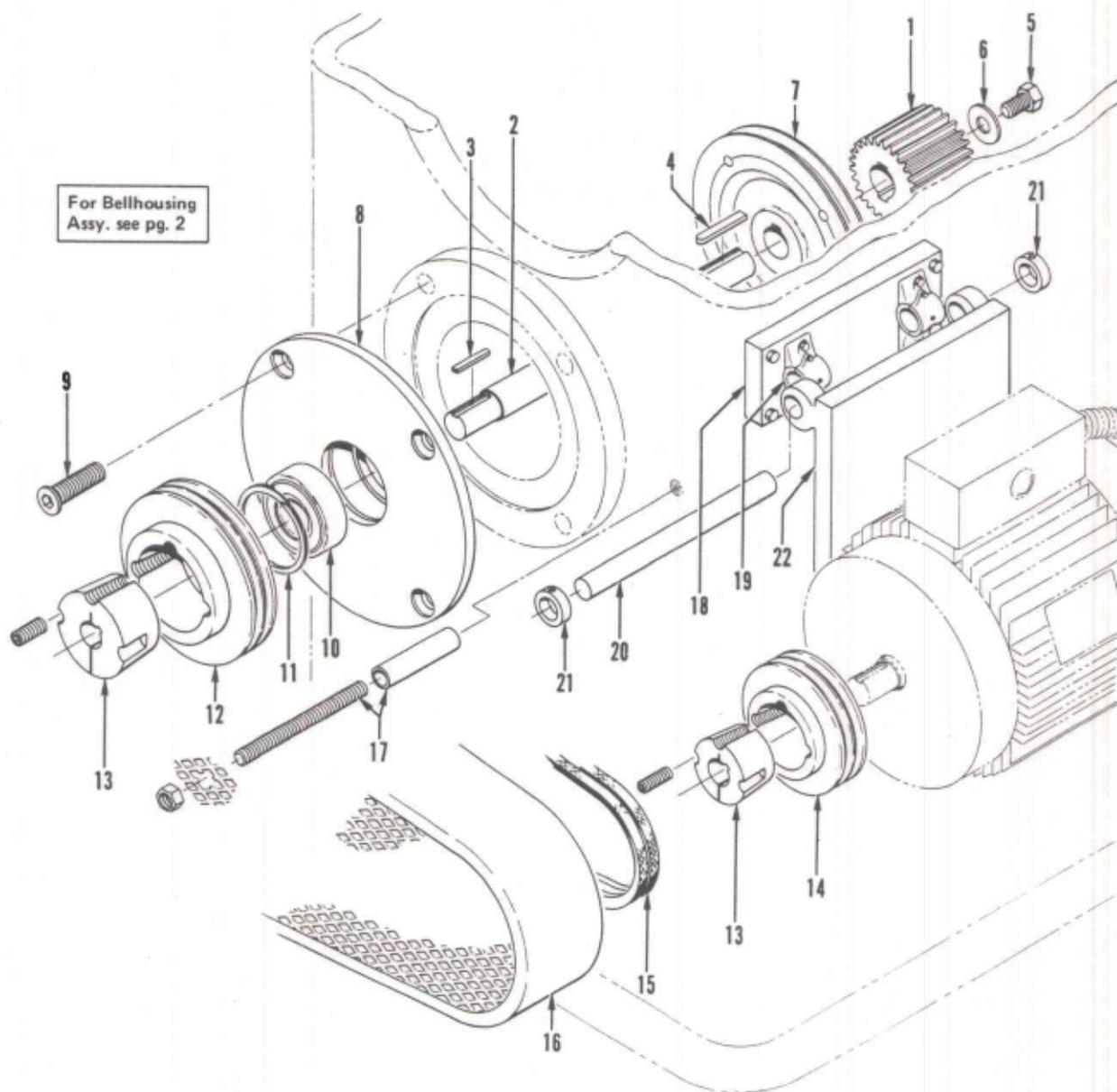
| ITEM | PART NO. | DESCRIPTION | QTY |
|------|----------|-------------------------------|-----|
| | 135023 | Nylon Pinion Gear Assy.—26 t. | 1 |
| | 135024 | Nylon Pinion Gear Assy.—31 t. | 1 |
| 15 | 135014 | Pinion Gear—26 t. | 1 |
| | 135015 | Pinion Gear—31 t. | 1 |
| 16 | 135016 | Shaft Assy.—Pinion | 1 |
| 17 | 125035 | Capscrew—3/8" UNF L.H. | 1 |
| 18 | 125036 | Retainer | 1 |
| 19 | 135021 | Key | 1 |
| 20 | 135020 | Key—Extended | 1 |
| 21 | 135019 | Key | 1 |
| 22 | 100032 | Locknut—N 08 | 1 |
| | 135025 | Locknut—Metric | 1 |
| 23 | 135042 | Bearing Cover | 1 |
| | 138001 | Cooling Fan—Baumuller, 5 HP | 1 |



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SIDE MOUNT DRIVE MOTOR



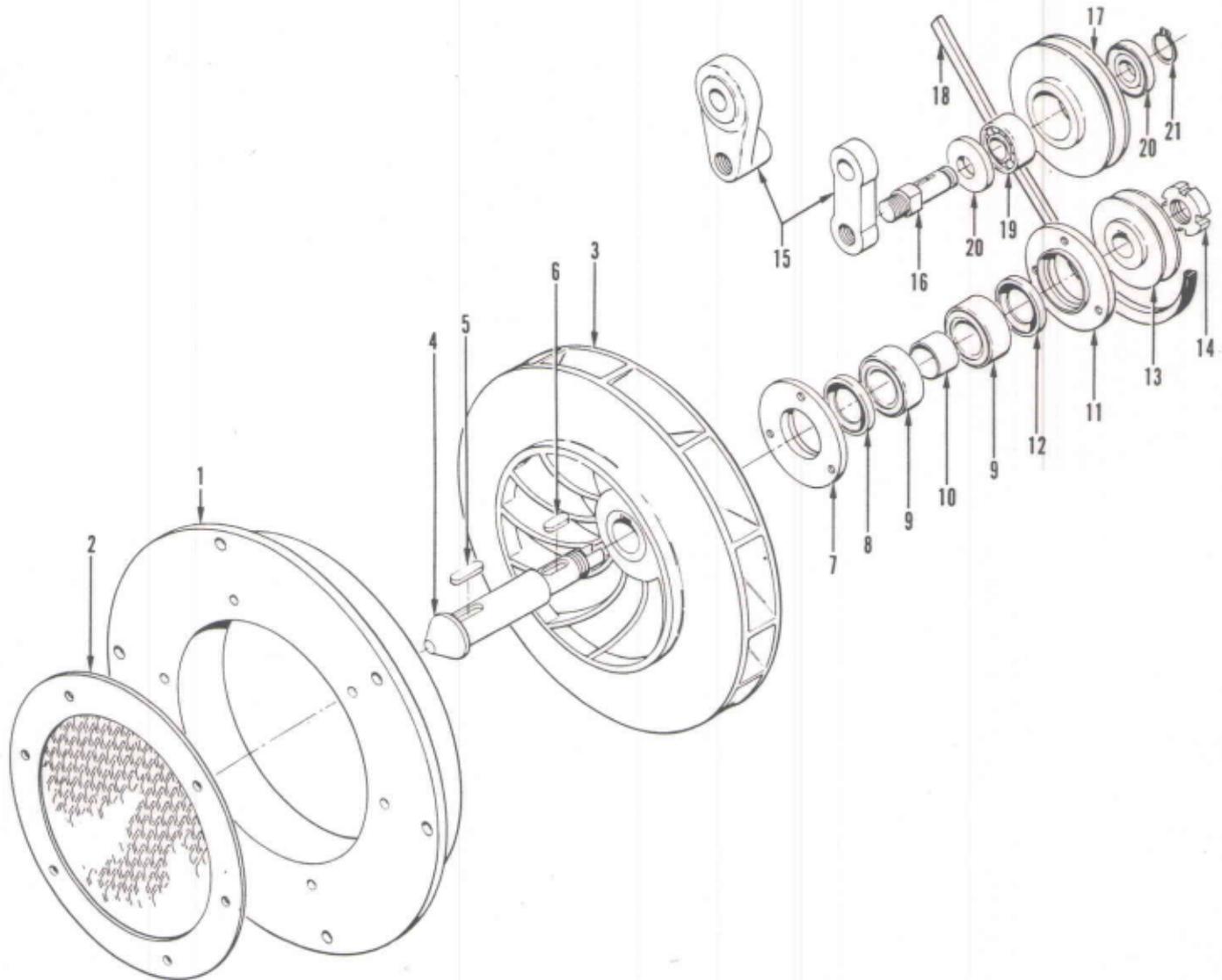
| ITEM | STD | SUPER | DESCRIPTION | QTY | ITEM | STD | SUPER | DESCRIPTION | QTY |
|------|--------|--------|------------------------|-----|------|---------|---------|------------------------------|-----|
| | 125071 | 135041 | Side Mount Conversion | 1 | | | | Side Mount Conversion—cont'd | |
| 1 | 125026 | 135014 | Pinion Gear—26 t. | 1 | 9 | 125065 | 125065 | F.H. Capscrew—Special | 4 |
| | 125027 | 135015 | Pinion Gear—31 t. | 1 | 10 | 100048 | 100049 | Ball Bearing—Sealed | 1 |
| 2 | 125038 | 135017 | Shaft Assy.—Pinion | 1 | 11 | 100050 | 100051 | Snap Ring—Internal | 1 |
| | 100031 | 100032 | Locknut | 1 | 12 | *100056 | *100056 | Sheave—Taper Lock | 1 |
| 3 | 125033 | ----- | Key—Short | 1 | 13 | *100058 | *100058 | Bushing—Taper Lock | 2 |
| | 125039 | 135022 | Key | 1 | 14 | *100057 | *100057 | Sheave—Taper Lock | 1 |
| 4 | 125034 | ----- | Key | 2 | 15 | ----- | ----- | V-Belt | 2 |
| | ----- | 135021 | Key | 1 | 16 | 125066 | 135036 | Guard | 1 |
| 5 | ----- | 135020 | Key—Extended | 1 | 17 | 125067 | 135037 | Mounting Assy. | 1 |
| | 125035 | 125035 | Capscrew—3/8" UNF L.H. | 1 | 18 | 125068 | 125068 | Sub Plate | 1 |
| 6 | 125036 | 125036 | Retainer | 1 | 19 | 100052 | 100052 | Pillow Block | 2 |
| | 127029 | 137015 | Split Pulley—52c.p.m. | 1 | 20 | 125069 | 125069 | Shaft | 1 |
| 7 | 127031 | 137016 | Pulley—60c.p.m. | 1 | 21 | 100053 | 100053 | Set Collar | 2 |
| | 125064 | 135035 | Adapter Plate | 1 | 22 | 125070 | 125070 | Base Plate | 1 |
| | | | | | | 100054 | 100055 | Motor | 1 |

Note: Contact Plymak for option details when ordering conversion kit.

* Part No.'s listed are for 52 c.p.m. with 26 t. pinion gear and 1800 r.p.m. motor only. For other operating or motor speeds, specify Taper Lock numbers.

■ Specify length. Order by description.

BLOWER ASSEMBLY



| ITEM | PART NO. | DESCRIPTION | STD | SUPER | ITEM | PART NO. | DESCRIPTION | STD | SUPER |
|------|----------|---------------------|-----|-------|------|----------|-------------------------|-----|-------|
| 1 | 127022 | Blower Cover | 1 | -- | 13 | 127016 | Pulley—Driven | 1 | -- |
| | 137012 | Blower Cover | -- | 1 | | 137007 | Pulley—Driven | -- | 1 |
| 2 | 127023 | Screen | 1 | 1 | 14 | 127017 | Locknut | 1 | 1 |
| 3 | 127014 | Impeller | 1 | 1 | 15 | 127018 | Bracket | 1 | -- |
| 4 | 127009 | Shaft | 1 | -- | | 137008 | Bracket | -- | 1 |
| | 137005 | Shaft | -- | 1 | 16 | 127019 | Stub Shaft | 1 | -- |
| 5 | 127010 | Key | 1 | 2 | | 137009 | Stub Shaft | -- | 1 |
| 6 | 127011 | Key | 1 | -- | 17 | 127020 | Pulley—Tension | 1 | -- |
| 7 | 127012 | Bearing Cover | 1 | 1 | | 137010 | Pulley—Tension | -- | 1 |
| 8 | 100008 | Seal | 1 | 1 | 18 | ----- | V-Belt (specify length) | 1 | 1 |
| 9 | 100009 | Ball Bearing—Sealed | 2 | 2 | 19 | 100011 | Ball Bearing—Double Row | 1 | 1 |
| 10 | *127015 | Spacer | 1 | -- | 20 | 127021 | Grease Seal | 2 | -- |
| | *137006 | Spacer | -- | 1 | | 137011 | Grease Seal | -- | 2 |
| 11 | 127013 | Bearing Cover | 1 | 1 | 21 | 100012 | Snap Ring—External | 1 | 1 |
| 12 | 100008 | Seal | 1 | 1 | | | | | |

* This Spacer is for use with Single Row Ball Bearing (Plymak #100009) only.

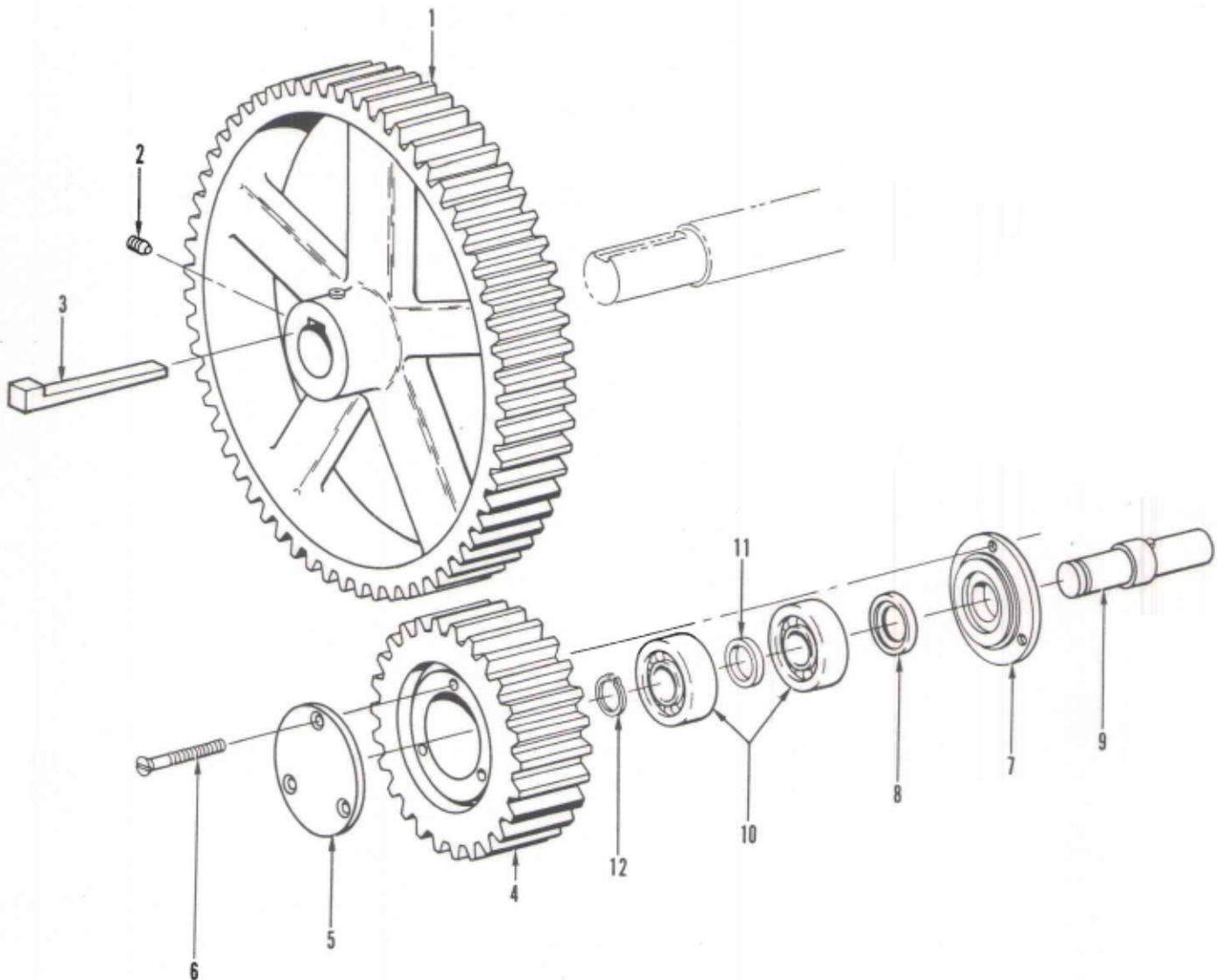
▪ Order by description.



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UPPER DRIVE ASSEMBLY



| ITEM | PART NO. | DESCRIPTION | QTY |
|------|----------|------------------------|-----|
| 1 | 125010 | Gear—Upper Drive—77 t. | 1 |
| 2 | 100028 | Setscrew—1/2" UNC | 1 |
| | 100029 | Setscrew—1/2" - 12 BSW | |
| | 100030 | Setscrew—12mm | |
| 3 | 125043 | Taper Key—Gib Head | 1 |
| 4 | 125012 | Gear—Reversing, 33 t. | 1 |
| 5 | 125044 | Bearing Cover | 1 |

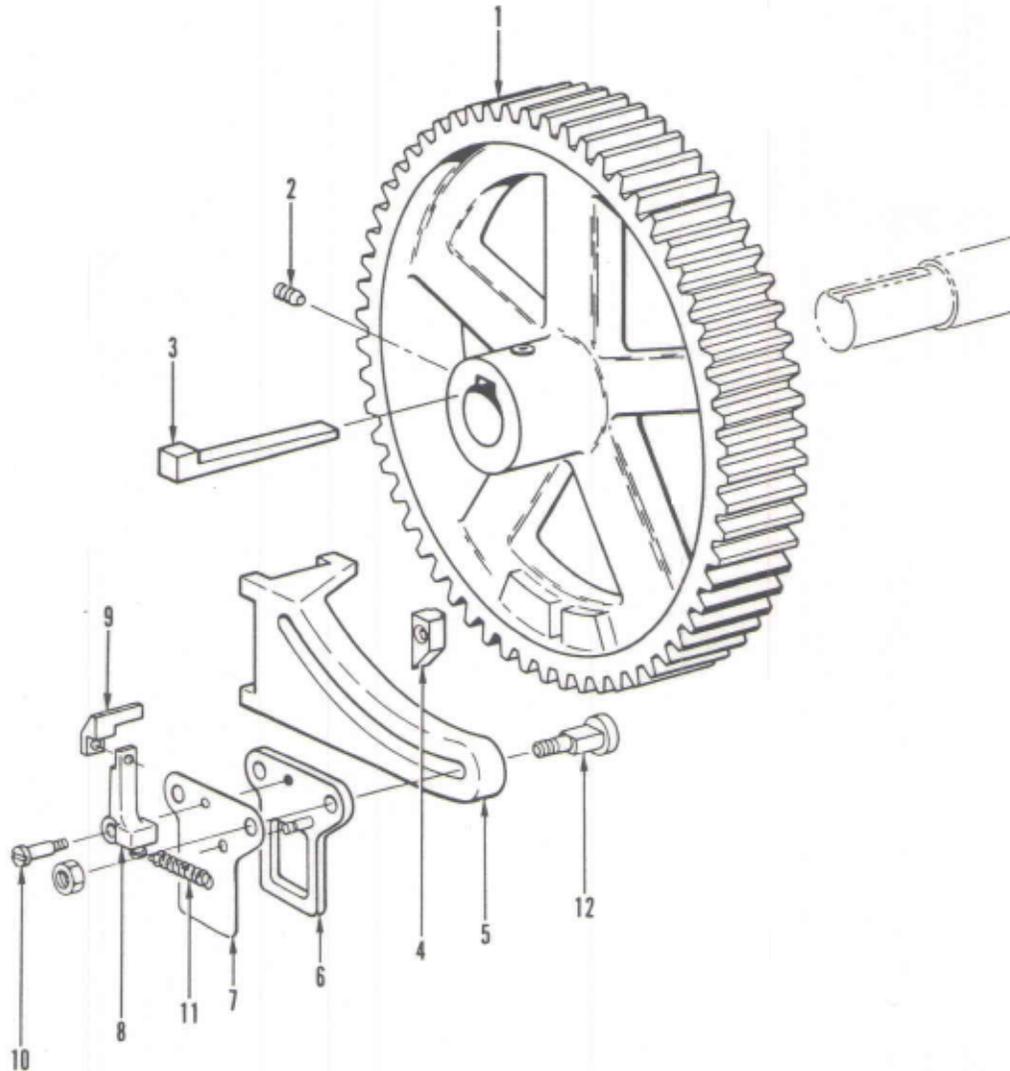
| ITEM | PART NO. | DESCRIPTION | QTY |
|------|----------|-------------------------|-----|
| 6 | 100034 | F.H. Capscrew—5/16" UNC | 3 |
| | 100035 | F.H. Capscrew—8mm | |
| 7 | 125045 | Bearing Cover | 1 |
| 8 | 100033 | Seal | 1 |
| 9 | 125046 | Stub Shaft | 1 |
| 10 | 100036 | Ball Bearing | 2 |
| 11 | 125047 | Spacer—Bearing | 1 |
| 12 | 100037 | Snap Ring—External | 1 |



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LOWER DRIVE ASSEMBLY



| ITEM | PART NO. | DESCRIPTION | STD | SUPER |
|------|----------|-------------------------|-----|-------|
| 1 | 125011 | Gear—Lower Drive, 77 t. | 1 | 1 |
| 2 | 100028 | Setscrew—1/2" UNC | | |
| | 100029 | Setscrew—1/2" - 12 BSW | 1 | 1 |
| | 100030 | Setscrew—12mm | | |
| 3 | 125043 | Taper Key—Gib Head | 1 | 1 |
| 4 | 125048 | Trip Dog | 1 | 1 |
| 5 | 125049 | Adjusting Bracket | 1 | -- |
| | 135026 | Adjusting Bracket | -- | 1 |

| ITEM | PART NO. | DESCRIPTION | STD | SUPER |
|------|----------|----------------------|-----|-------|
| 6 | 125050 | Mounting Plate | 1 | 1 |
| 7 | *125051 | Adapter Plate | 1 | 1 |
| 8 | 125052 | Trip Lever | 1 | 1 |
| 9 | 125053 | Tip—Trip Lever | 1 | 1 |
| 10 | 125054 | Shoulder Screw | 1 | 1 |
| 11 | 125055 | Spring | 1 | 1 |
| 12 | 125056 | Shoulder Screw w/Nut | 2 | 2 |

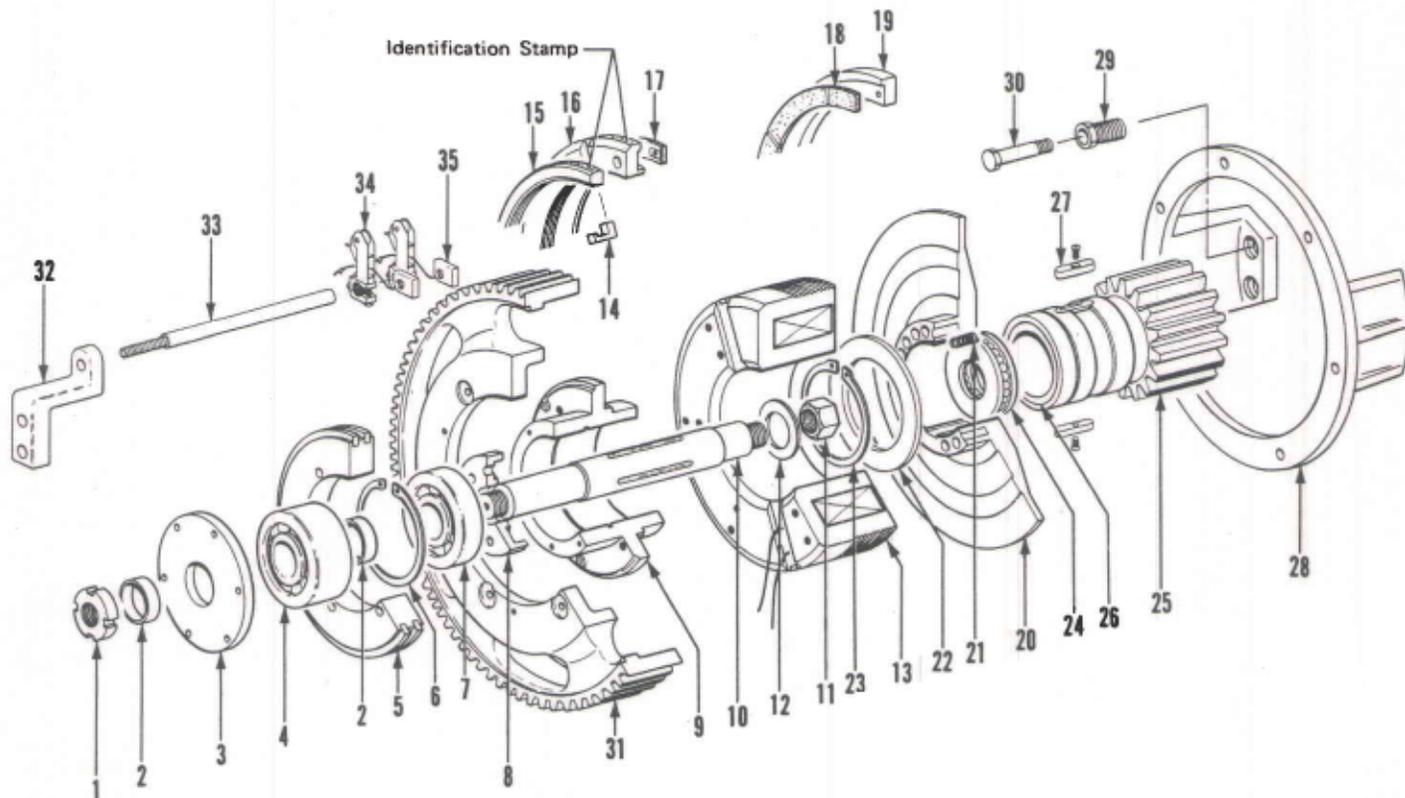
* For conversion to NEMA Limit Switch.



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KFBa 16/8 CLUTCH ASSEMBLY—Standard



| ITEM | PART NO. | DESCRIPTION | QTY |
|------|--------------------|-------------------------------|-----|
| | 126002 | Clutch Assembly | 1 |
| 1 | 126006 | Locknut | 1 |
| 2 | 126040 | Spacer | 2 |
| 3 | 126041 | Retainer—Bearing | 1 |
| 4 | 100085 | Ball Bearing—Double Row | 1 |
| 5 | 126043 | Collector Ring | 1 |
| 6 | 100086 | Snap Ring—Internal | 1 |
| 7 | 100036 | Ball Bearing—Single Row | 1 |
| 8 | 126047 | Stuffing Box | 1 |
| 9 | 126045 | Bearing Hub | 1 |
| 10 | 126004 | Shaft | 1 |
| 11 | { 100081 100083 | Nut—1 1/8" UNF Nut—27mm | 1 |
| 12 | 126054 | Thrust Washer | 1 |
| 13 | 126023 | Coil Member | 1 |
| 14 | 126026 | Key—Locking | 2 |
| 15 | 126030 | Lock Ring | 1 |
| 16 | 126028 | Spanner Ring | 1 |
| 17 | 126014 | Clutch Lining (two 180° Pcs.) | 1 |
| 18 | 126015 | Brake Lining (one 360° Pc.) | 1 |
| 19 | 126031 | Mounting Ring—Brake | 1 |

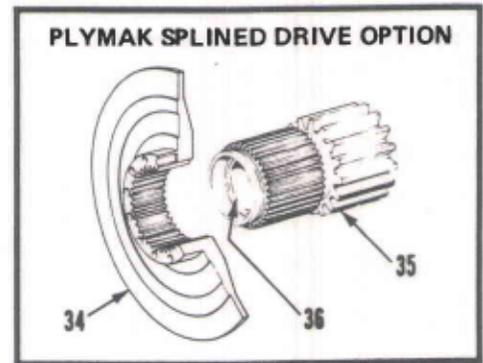
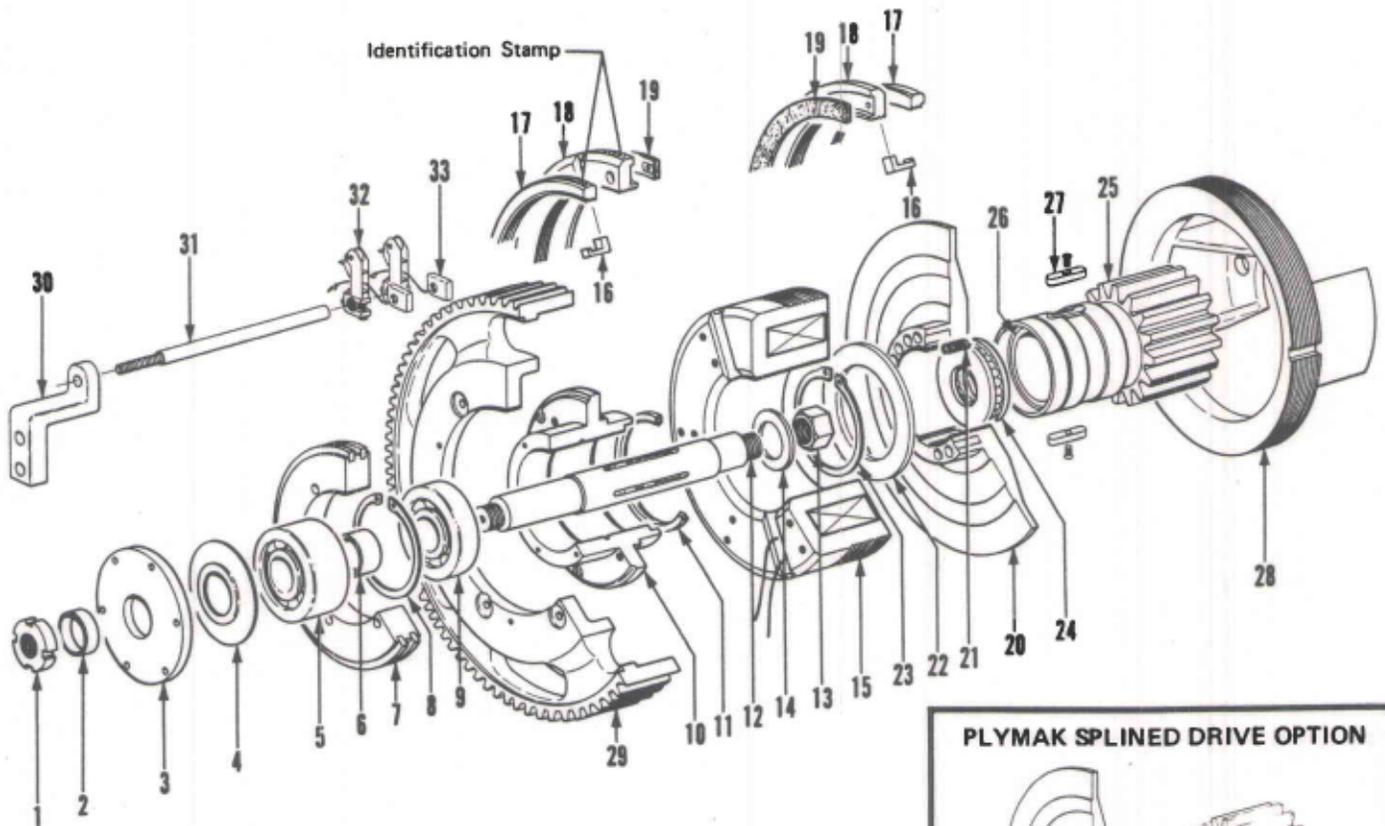
| ITEM | PART NO. | DESCRIPTION | QTY |
|------|------------------------------|--|-----|
| | | Clutch Assembly—continued | |
| 20 | 126011 | Armature Disc | 1 |
| 21 | 126008 | Spring—Brake | 12 |
| 22 | 126009 | Pressure Plate | 1 |
| 23 | 100087 | Snap Ring—External | 1 |
| 24 | 100084 | Thrust Bearing | 1 |
| 25 | 125014 | Pinion Gear—15 t. | 1 |
| 26 | 125028 | Bushing | 2 |
| 27 | 125029 | Key | 2 |
| 28 | 126036 | Support Frame—Brake | 1 |
| 29 | 126037 | Adjusting Screw | 4 |
| 30 | 100090 | Capscrew | 4 |
| 31 | { 125019 125020 125021 | Clutch Gear—150 t. Clutch Gear—145 t. Clutch Gear—140 t. | 1 |
| 32 | 126048 | Bracket—Brush Holder | 1 |
| 33 | 126016 | Bolt—Insulated | 1 |
| 34 | 126017 | Brush Holder—16mm | 2 |
| 35 | { 126018 126019 | Brush—16mm Brush—10mm | 2 |



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KFBa 25/12 CLUTCH ASSEMBLY—Standard



| ITEM | PART NO. | DESCRIPTION | QTY |
|------|----------|-------------------------------------|-----|
| | 126001 | Clutch Assembly | 1 |
| 1 | 126006 | Locknut | 1 |
| 2 | 126038 | Spacer—Outer | 1 |
| 3 | 126041 | Retainer—Bearing | 1 |
| 4 | 126042 | Grease Shield | 1 |
| 5 | 100085 | Ball Bearing—Double Row | 1 |
| 6 | 126039 | Spacer—Inner | 1 |
| 7 | 126043 | Collector Ring | 1 |
| 8 | 100086 | Snap Ring—Internal | 1 |
| 9 | 100036 | Ball Bearing—Single Row | 1 |
| 10 | 126044 | Bearing Hub | 1 |
| 11 | 100088 | Seal | 1 |
| 12 | 126004 | Shaft | 1 |
| 13 | { 100081 | Nut—1 1/8" UNF | 1 |
| | { 100083 | Nut—27mm | 1 |
| 14 | 126054 | Thrust Washer | 1 |
| 15 | 126022 | Coil Member | 1 |
| 16 | 126026 | Key—Locking | 4 |
| 17 | 126029 | Lock Ring | 2 |
| 18 | 126027 | Spanner Ring | 2 |
| 19 | 126013 | Friction Lining Assy.(two 180° Pcs) | 2 |

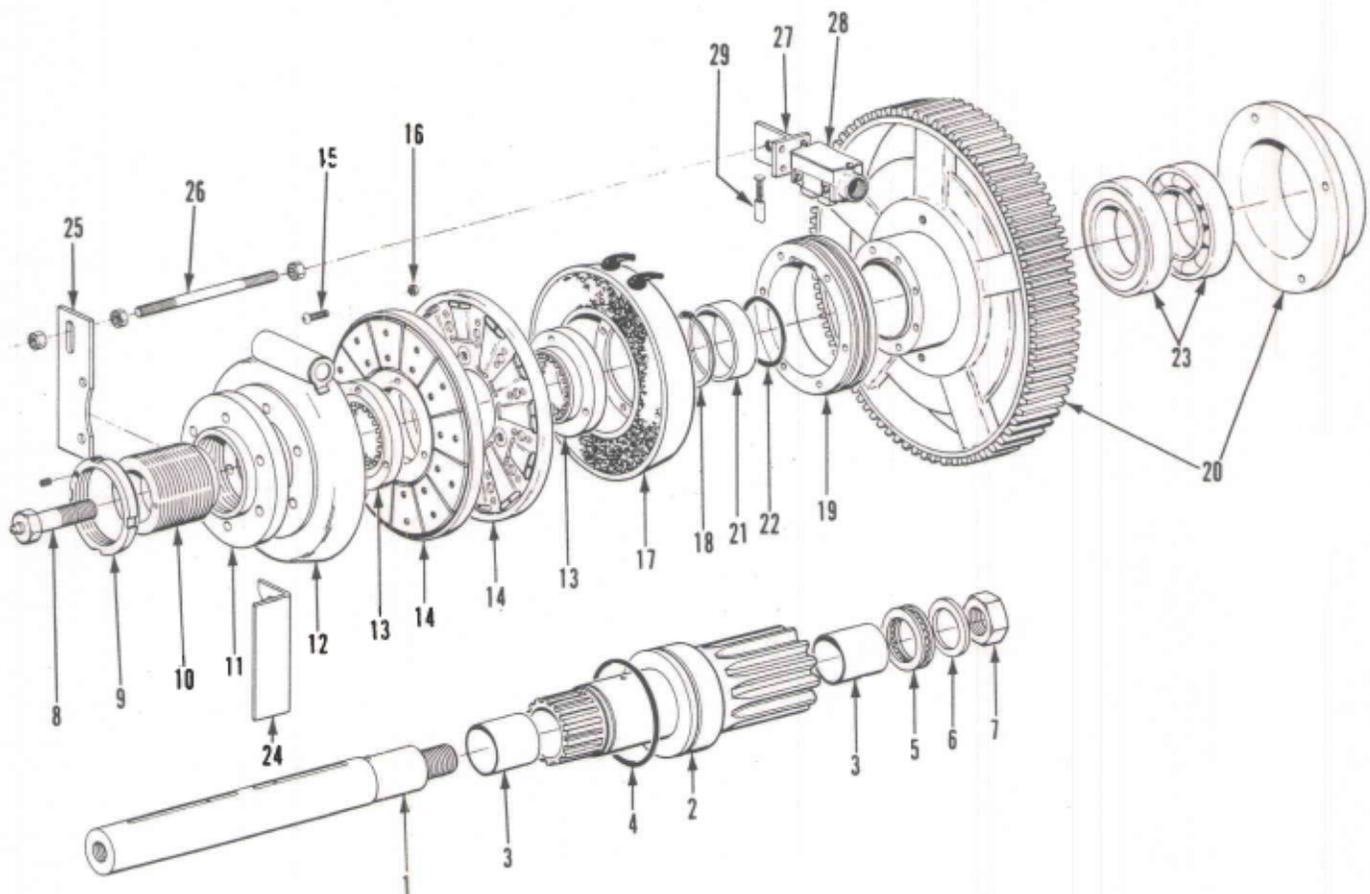
| ITEM | PART NO. | DESCRIPTION | QTY |
|------|----------|---------------------------|-----|
| | | Clutch Assembly—continued | |
| 20 | 126010 | Armature Disc | 1 |
| 21 | 126008 | Spring—Brake | 12 |
| 22 | 126009 | Pressure Plate | 1 |
| 23 | 100087 | Snap Ring—External | 1 |
| 24 | 100084 | Thrust Bearing | 1 |
| 25 | 125013 | Pinion Gear—15 t. | 1 |
| 26 | 125028 | Bushing | 2 |
| 27 | 125029 | Key | 2 |
| 28 | 126035 | Support Frame—Brake | 1 |
| | { 125016 | Clutch Gear—150 t. | |
| 29 | { 125017 | Clutch Gear—145 t. | 1 |
| | { 125018 | Clutch Gear—140 t. | |
| 30 | 126048 | Bracket—Brush Holder | 1 |
| 31 | 126016 | Bolt—Insulated | 1 |
| 32 | 126017 | Brush Holder—16mm | 2 |
| | { 126018 | Brush—16mm | |
| 33 | { 126019 | Brush—10mm | 2 |
| 34 | 125084 | Splined Armature Disc | 1 |
| 35 | 125085 | Splined Pinion Gear—15 t. | 1 |
| 36 | 125028 | Bushing | 2 |



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WARNER CLUTCH ASSEMBLY—Standard



| ITEM | PART NO. | DESCRIPTION | QTY |
|------|----------|---------------------------------|-----|
| | 126003 | Clutch Assembly | 1 |
| 1 | 126005 | Shaft | 1 |
| 2 | 125080 | Pinion Gear—15 t., Splined | 1 |
| 3 | 125030 | Bushing | 2 |
| 4 | 100275 | O-ring | 1 |
| 5 | 100084 | Thrust Bearing | 1 |
| 6 | 100082 | Washer | 1 |
| 7 | 100081 | Nut—1 1/8" UNF | 1 |
| 8 | 126007 | Draw Bolt | 1 |
| 9 | 126034 | Locknut w/Setscrew | 1 |
| 10 | 126033 | Adjustment Hub | 1 |
| 11 | 126032 | Support—Brake | 1 |
| 12 | 126025 | Brake Magnet | 1 |
| 13 | 126046 | Splined Adapter | 2 |
| 14 | 126012 | Armature | 2 |
| 15 | 100093 | S. Button Hd. C.S.—3/8" UNC x 1 | 6 |

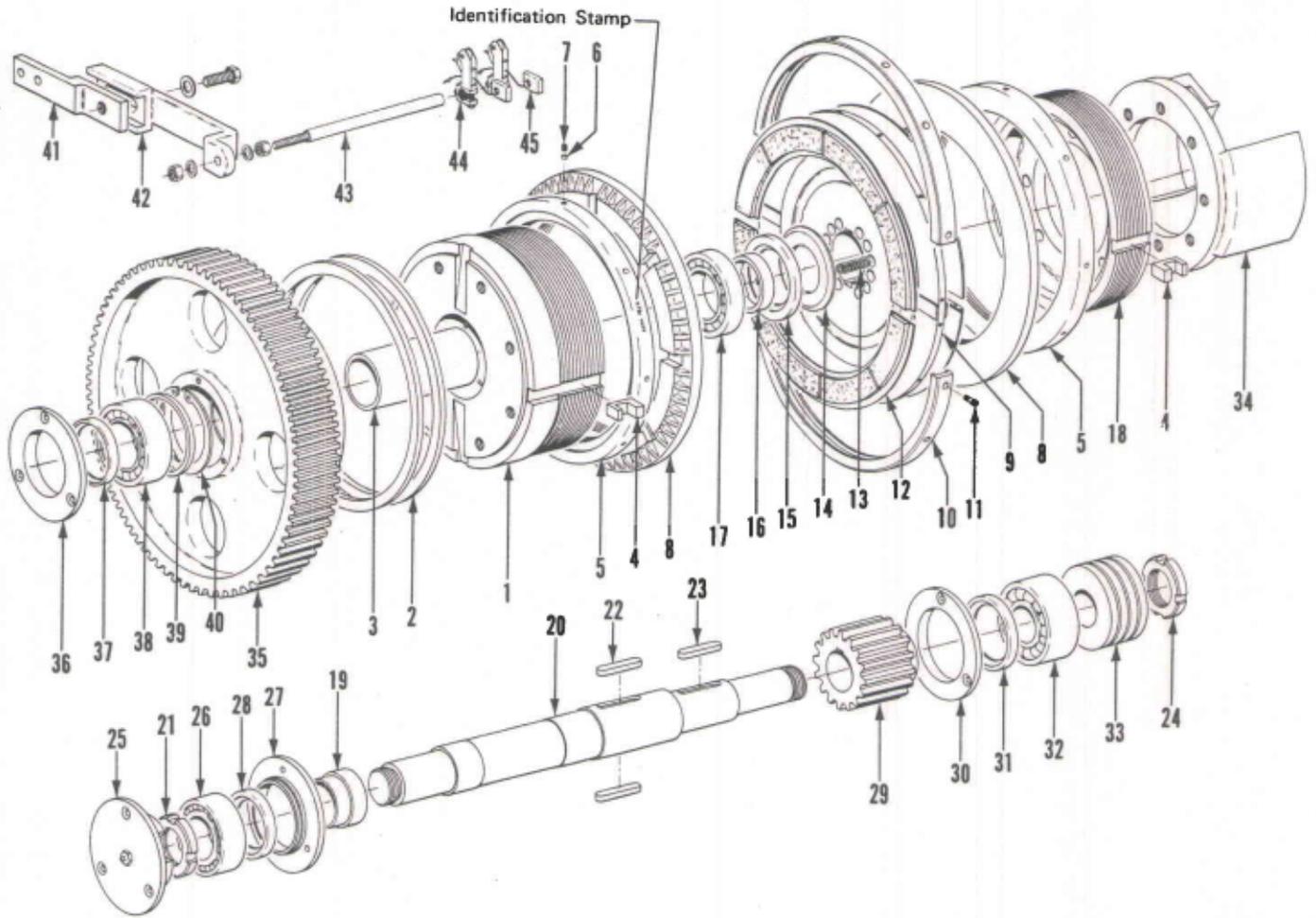
| ITEM | PART NO. | DESCRIPTION | QTY |
|------|----------|---------------------------------|-----|
| | | Clutch Assembly—continued | |
| 16 | 100041 | ESNA Nut—3/8" UNC, Thin | 6 |
| 17 | 126024 | Clutch Magnet | 1 |
| 18 | 100087 | Snap Ring—External | 1 |
| 19 | 126043 | Collector Ring | 1 |
| 20 | 125081 | Gear & Bearing Hub Assy.—145 t. | 1 |
| 21 | 125086 | Bushing | 1 |
| 22 | 100276 | O-ring | 1 |
| 23 | 100277 | Ball Bearing—Single Row | 2 |
| 24 | 126052 | Torque Stop | 1 |
| 25 | 126049 | Bracket—Brush Holder | 1 |
| 26 | 126050 | Adjusting Bolt | 1 |
| 27 | 126051 | Support Tee | 1 |
| 28 | 126020 | Brush Holder Assembly | 1 |
| 29 | 126021 | Brush | 4 |
| | 128064 | Voltage Control Unit—Complete | 1 |



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KFBd 40/20 CLUTCH ASSEMBLY—Super

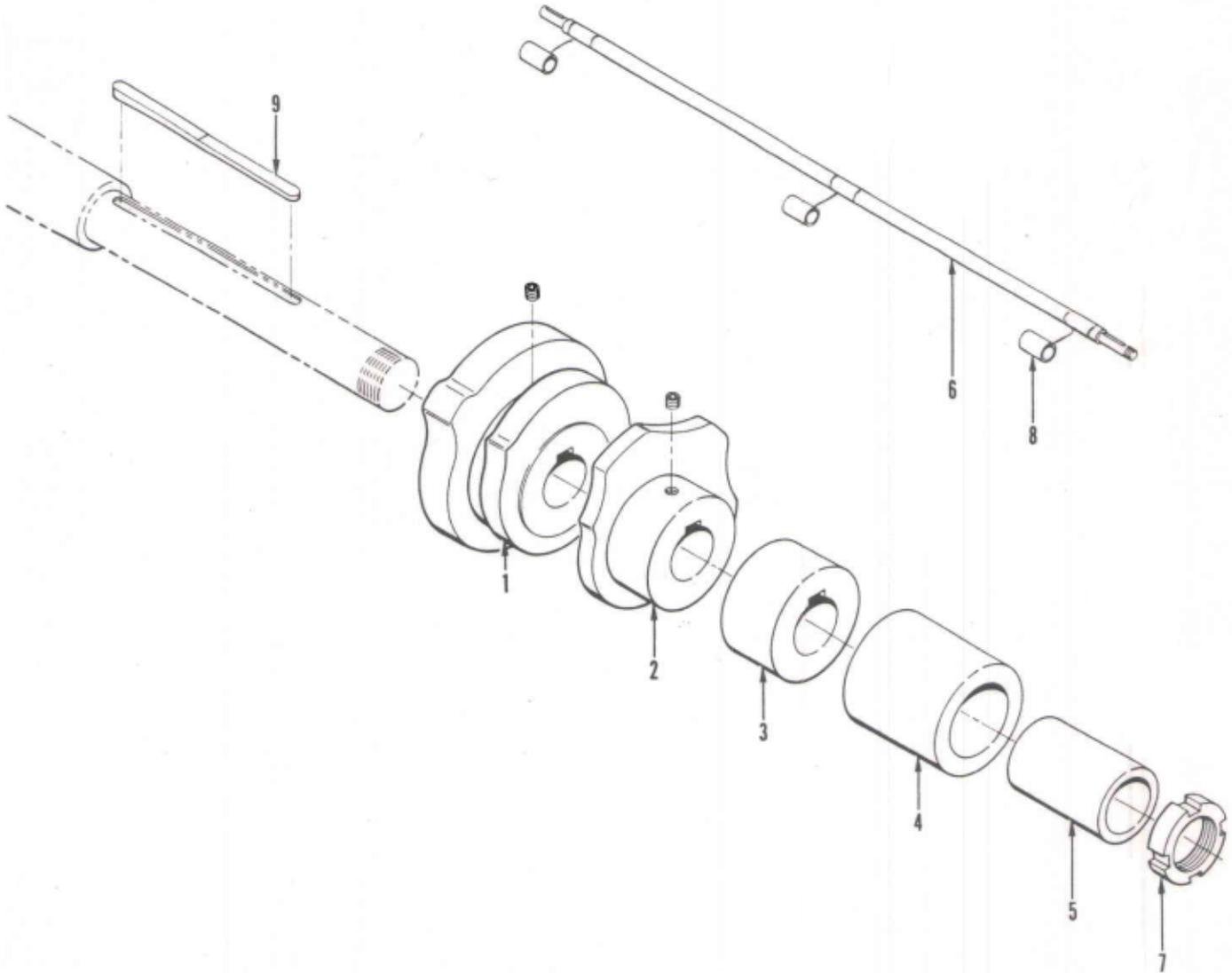


| ITEM | PART NO. | DESCRIPTION | QTY |
|------|----------|-------------------------------------|-----|
| | 136001 | Clutch Assembly | 1 |
| 1 | 136013 | Coil Member | 1 |
| 2 | 136014 | Collector Ring | 2 |
| 3 | 136019 | Spacer | 1 |
| 4 | 136018 | Key—Locking | 4 |
| 5 | 136015 | Lock Ring | 2 |
| 6 | 136016 | Thread Protector | 1 |
| 7 | 100092 | Setscrew—1/4" UNC | 1 |
| | 100098 | Setscrew—Metric | 2 |
| 8 | 136017 | Friction Ring | 2 |
| 9 | 136009 | Armature Disc Assembly | 1 |
| 10 | ----- | Clamp Ring | 2 |
| 11 | 100096 | S.H. Capscrew—1/4" UNC | 12 |
| | 100097 | S.H. Capscrew—Metric | 12 |
| 12 | 136012 | Friction Lining Assy.(two 180° Pcs) | 2 |
| 13 | 136007 | Spring—Brake | 12 |
| 14 | 136008 | Pressure Plate | 1 |
| 15 | 100089 | Seal | 1 |
| 16 | 136020 | Spacer | 1 |
| 17 | 100099 | Ball Bearing—Single Row | 1 |
| 18 | 136022 | Hub—Brake Adjusting | 1 |
| 19 | 136021 | Spacer | 1 |
| 20 | 136002 | Shaft | 1 |
| 21 | 135025 | Locknut | 1 |
| 22 | 136005 | Key | 2 |
| 23 | 136006 | Key | 1 |
| 24 | 135025 | Locknut | 1 |

| ITEM | PART NO. | DESCRIPTION | QTY |
|------|----------|-------------------------|-----|
| 25 | 136025 | Bearing Cover | 1 |
| 26 | 100103 | Ball Bearing—Double Row | 1 |
| 27 | 136026 | Bearing Cover | 1 |
| 28 | 100100 | Seal | 1 |
| 29 | 135007 | Pinion Gear—15 t. | 1 |
| 30 | 136027 | Bearing Cover | 1 |
| 31 | 100101 | Seal | 1 |
| 32 | 100105 | Ball Bearing—Double Row | 1 |
| 33 | 136029 | Spacer Bushing | 1 |
| 34 | 136031 | Support—Brake | 1 |
| 35 | 135009 | Clutch Gear—145 t. | 1 |
| | 135010 | Clutch Gear—140 t. | 1 |
| 36 | 136028 | Bearing Cover | 1 |
| 37 | 100101 | Seal | 1 |
| 38 | 100104 | Ball Bearing—Double Row | 1 |
| 39 | 136030 | Spacer | 1 |
| 40 | 100106 | Snap Ring—Internal | 1 |
| 41 | 136023 | Bracket—Support | 1 |
| 42 | 136024 | Bracket—Adjusting | 1 |
| 43 | 126016 | Bolt—Insulated | 1 |
| 44 | 126017 | Brush Holder | 2 |
| 45 | 126018 | Brush | 2 |

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UPPER CAM ASSEMBLY



| ITEM | PART NO. | DESCRIPTION | QTY |
|------|----------|--------------------|-----|
| 1 | 124003 | Upper Cam—Punching | 1 |
| 2 | 124011 | Cam—Defect Ejector | 1 |
| 3 | 124053 | Spacer—Keyed | 1 |
| 4 | 125007 | Bushing—Pilot | 1 |
| 5 | 124054 | Sleeve | 1 |

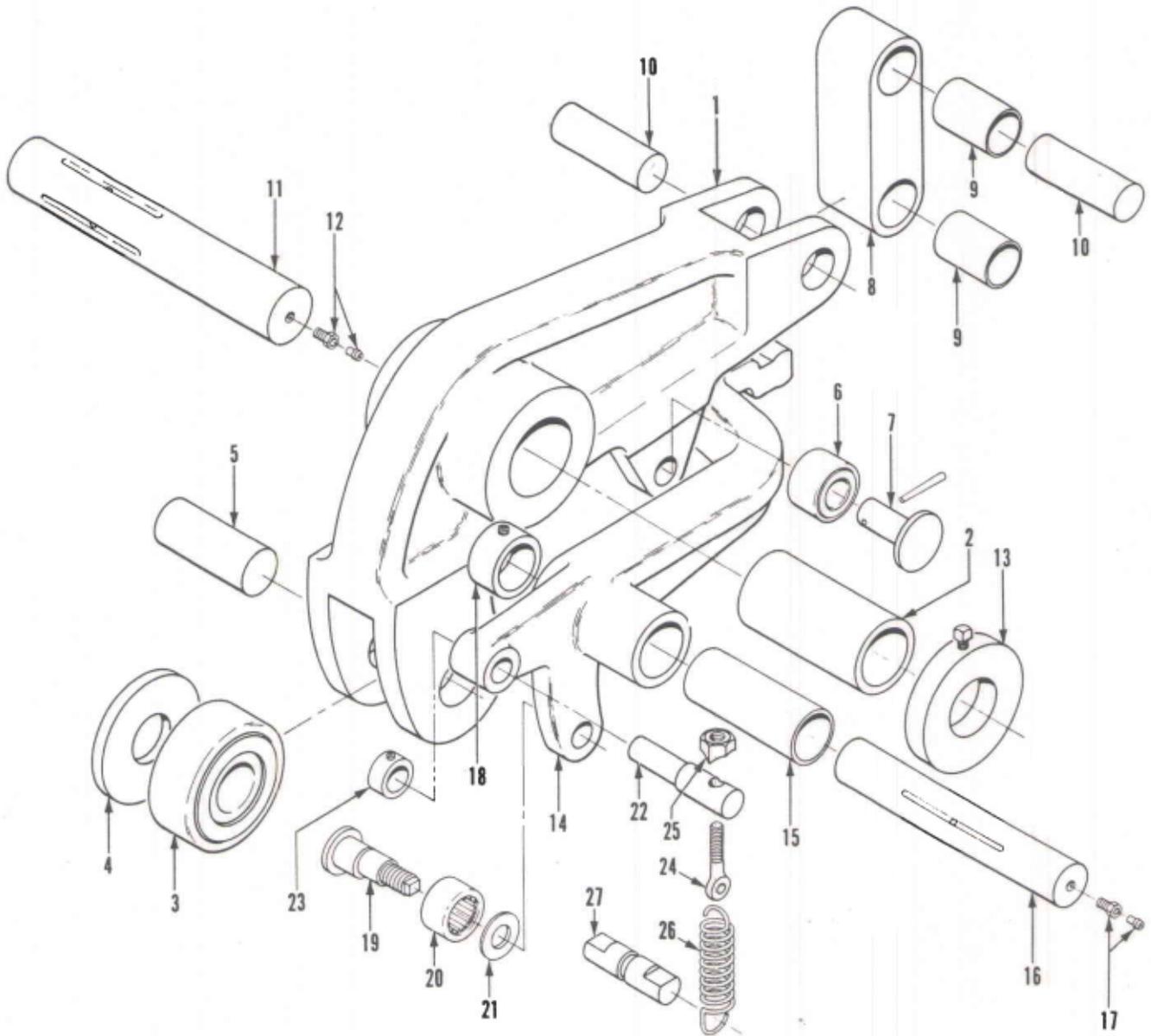
| ITEM | PART NO. | DESCRIPTION | QTY |
|------|----------|---------------------|-----|
| 6 | 125001 | Shaft—Upper | 1 |
| 7 | 100024 | Locknut—N 09 | 1 |
| | 125002 | Locknut—Metric | 1 |
| 8 | 125008 | Bushing—Upper Shaft | 3 |
| 9 | 125006 | Key—Double Taper | 1 |



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UPPER PUNCHING LEVER & DEFECT EJECTOR ASSEMBLY



| ITEM | PART NO. | DESCRIPTION | QTY |
|------|----------|-----------------------------------|-----|
| 1 | 124001 | Punching Lever—Upper | 1 |
| 2 | 124002 | Bushing | 1 |
| 3 | 124022 | Needle Bearing—Sealed | 1 |
| | 100014 | Roller Bearing—Open | 1 |
| 4 | 124025 | Spacer—4.5mm, Needle Bearing | 1 |
| | 124026 | Spacer—5.5mm, Roller Bearing | 1 |
| 5 | 124024 | Pin | 1 |
| 6 | 100015 | Needle Bearing—Sealed | 1 |
| | 100016 | Ball Bearing—Open | 1 |
| 7 | 124027 | Shoulder Pin } for Needle Bearing | 1 |
| | 124028 | Pin—25mm | |
| | 124029 | Pin—20mm, for Ball Bearing | |
| 8 | 123041 | Link | 1 |
| 9 | 123042 | Bushing | 2 |
| 10 | 123043 | Pin | 2 |
| 11 | 124018 | Shaft—Pivot | 1 |
| 12 | 124019 | Grease Fitting Assembly | 1 |

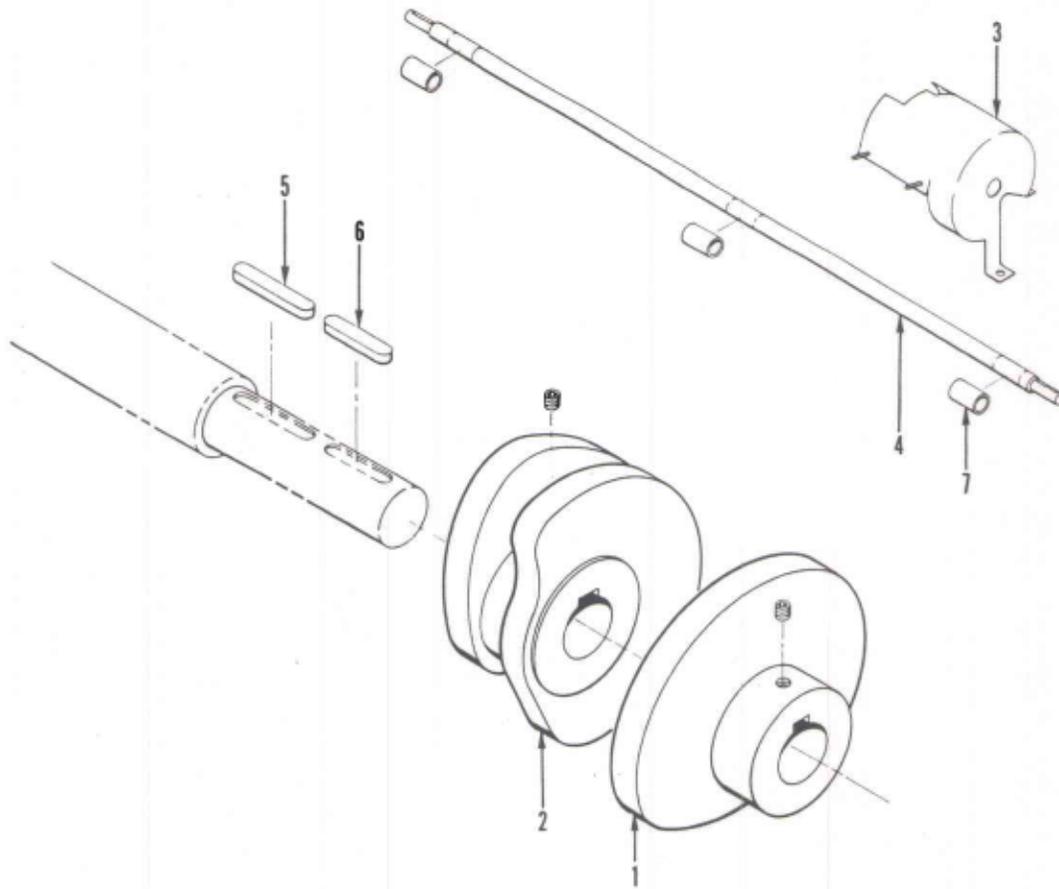
| ITEM | PART NO. | DESCRIPTION | QTY |
|------|----------|-------------------------|-----|
| 13 | 124043 | Collar—Shaft | 1 |
| 14 | 124009 | Defect Ejector Lever | 1 |
| 15 | 124010 | Bushing | 1 |
| 16 | 124020 | Shaft—Pivot | 1 |
| 17 | 124019 | Grease Fitting Assembly | 1 |
| 18 | 124044 | Collar—Shaft | 1 |
| 19 | 124035 | Eccentric Pin w/Nut | 1 |
| 20 | 100020 | Needle Bearing | 1 |
| 21 | 124036 | Shim | 1 |
| 22 | 124037 | Pivot Pin—Spring | 1 |
| 23 | 124038 | Collar—Pivot Pin | 1 |
| 24 | 124039 | Eye Bolt | 1 |
| 25 | 124040 | Nut—Concave | 1 |
| 26 | 124041 | Spring—Defect Ejector | 1 |
| 27 | 124042 | Anchor Pin | 1 |



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LOWER CAM ASSEMBLY—Standard



| ITEM | PART NO. | DESCRIPTION | QTY |
|------|----------|--------------------|-----|
| 1 | 124013 | Cam—Strip Feed | 1 |
| 2 | 124008 | Lower Cam—Punching | 1 |
| 3 | 129001 | Cover—Cam | 1 |

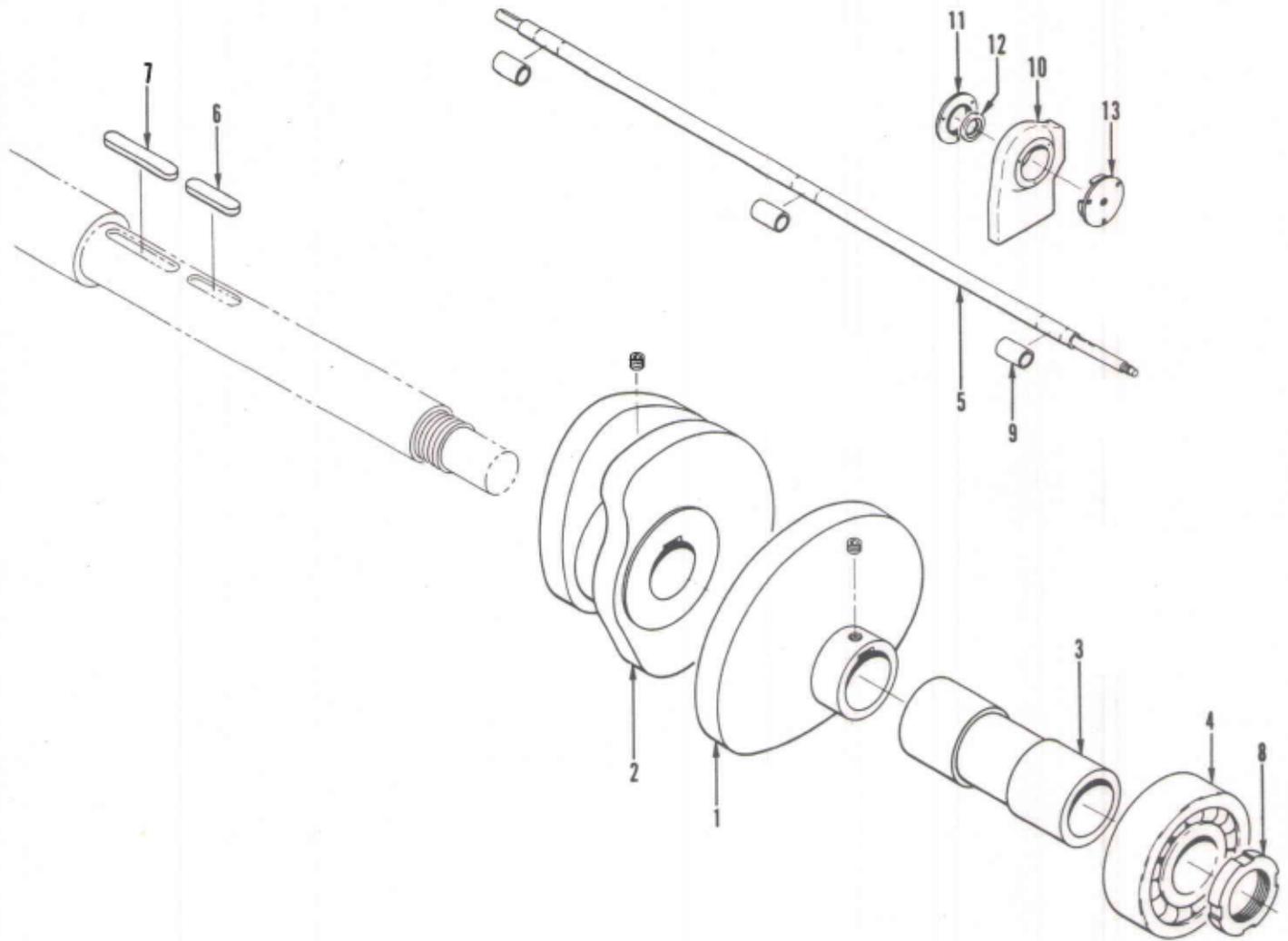
| ITEM | PART NO. | DESCRIPTION | QTY |
|------|----------|---------------------|-----|
| 4 | 125003 | Shaft—Lower | 1 |
| 5 | 125004 | Key | 1 |
| 6 | 125005 | Key | 1 |
| 7 | 125009 | Bushing—Lower Shaft | 3 |



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LOWER CAM ASSEMBLY—Super



| ITEM | PART NO. | DESCRIPTION | QTY |
|------|----------|----------------------------|-----|
| 1 | 134002 | Cam—Strip Feed | 1 |
| 2 | 124008 | Lower Cam—Punching | 1 |
| 3 | 135003 | Spacer | 1 |
| 4 | 100025 | Ball Bearing—Self-Aligning | 1 |
| 5 | 135001 | Shaft—Lower | 1 |
| 6 | 125005 | Key | 1 |
| 7 | 125004 | Key | 1 |
| 8 | 100024 | Locknut—N 09 | 1 |
| | 125002 | Locknut—R.H. Metric | |
| | 135002 | Locknut—L.H. Metric | |

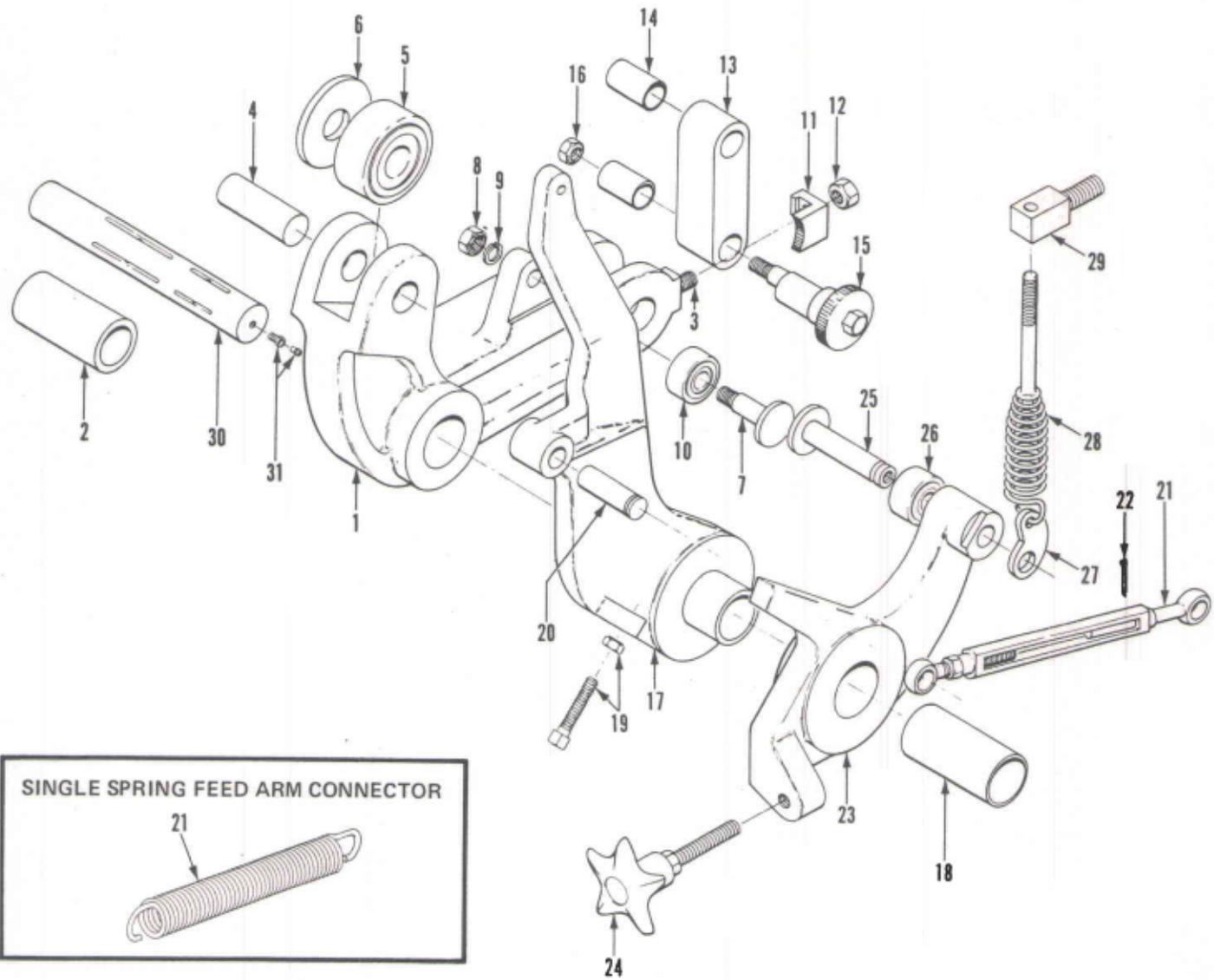
| ITEM | PART NO. | DESCRIPTION | QTY |
|------|----------|---------------------|-----|
| 9 | 125009 | Bushing—Lower Shaft | 3 |
| 10 | 135004 | Housing—Support | 1 |
| 11 | 135005 | Bearing Cover | 1 |
| 12 | 100026 | Seal | 1 |
| 13 | 135006 | Bearing Cover | 1 |
| | 139001 | Cover—Cam | |



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LOWER PUNCHING LEVER & FEED ARM ASSEMBLY – Standard



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**LOWER PUNCHING LEVER
& FEED ARM ASSEMBLY—Standard**

| ITEM | PART NO. | DESCRIPTION | QTY |
|------|----------|-----------------------------------|-----|
| 1 | 124004 | Punching Lever—Lower | 1 |
| 2 | 124005 | Bushing | 1 |
| 3 | 124006 | Stud—1/2" UNC | 1 |
| 4 | 124007 | Stud—1/2" - 12 BSW | 1 |
| 4 | 124024 | Pin | 1 |
| 5 | 124022 | Needle Bearing—Sealed | 1 |
| 5 | 100014 | Roller Bearing—Open | 1 |
| 6 | 124025 | Spacer—4.5mm, Needle Bearing | 1 |
| 6 | 124026 | Spacer—5.5mm, Roller Bearing | 1 |
| 7 | 124030 | Shoulder Pin } for Needle Bearing | 1 |
| 7 | 124031 | | |
| 7 | 124032 | Pin—20mm, for Ball Bearing | 1 |
| 8 | 100017 | Nut—3/4" UNC | 1 |
| 9 | 100018 | Lockwasher | 1 |
| 10 | 100015 | Needle Bearing—Sealed | 1 |
| 10 | 100016 | Ball Bearing—Open | 1 |
| 11 | 124045 | Lock Shoe | 1 |
| 12 | 100021 | Nut—1/2" UNC | 1 |
| 12 | 100022 | Nut—1/2" - 12 BSW | 1 |
| 13 | 123044 | Link | 1 |
| 14 | 123042 | Bushing—Link | 2 |

| ITEM | PART NO. | DESCRIPTION | QTY |
|------|----------|-----------------------------------|-----|
| 15 | 123045 | Eccentric Pin | 1 |
| 16 | 100005 | Nut—5/8" UNC | 1 |
| 17 | 124014 | Feed Arm—Upper | 1 |
| 18 | 124015 | Bushing | 1 |
| 19 | 124016 | Adjusting Screw w/Nut—1/2" UNC | 1 |
| 19 | 124017 | Adjusting Screw w/Nut—1/2"-12 BSW | 1 |
| 20 | 124046 | Pin | 1 |
| 21 | 124047 | Spring—Feed Arm | 1 |
| 21 | 124048 | Shear Pin Assembly | 1 |
| 22 | ----- | Cotter Pin—1/8" x 1 1/4", Soft | 1 |
| 23 | 124012 | Feed Arm—Lower | 1 |
| 24 | 124049 | Adjusting Handle Assembly | 1 |
| 25 | 124033 | Shoulder Pin—for Needle Bearing | 1 |
| 25 | 124034 | Pin—20mm, for Ball Bearing | 1 |
| 26 | 100015 | Needle Bearing—Sealed | 1 |
| 26 | 100016 | Ball Bearing—Open | 1 |
| 27 | 124051 | Connector—Spring | 1 |
| 28 | 124050 | Spring Assembly—Return | 1 |
| 29 | 124052 | Anchor Block—Spring | 1 |
| 30 | 124021 | Shaft—Pivot | 1 |
| 31 | 124019 | Grease Fitting Assembly | 1 |

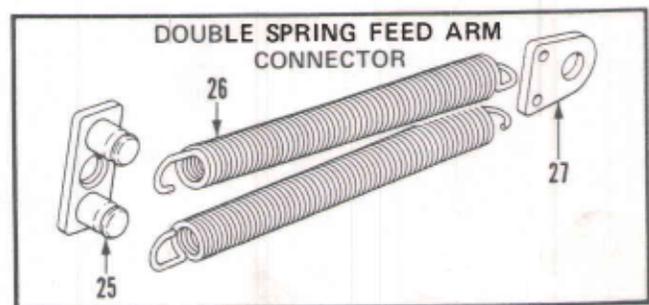
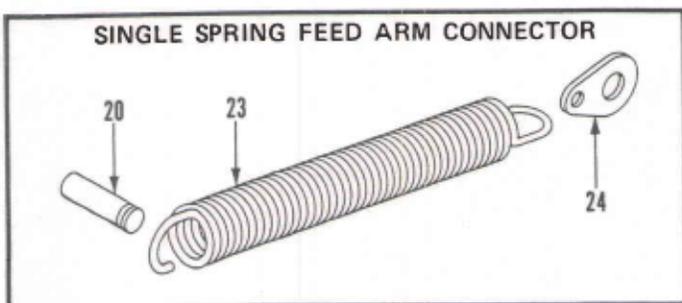
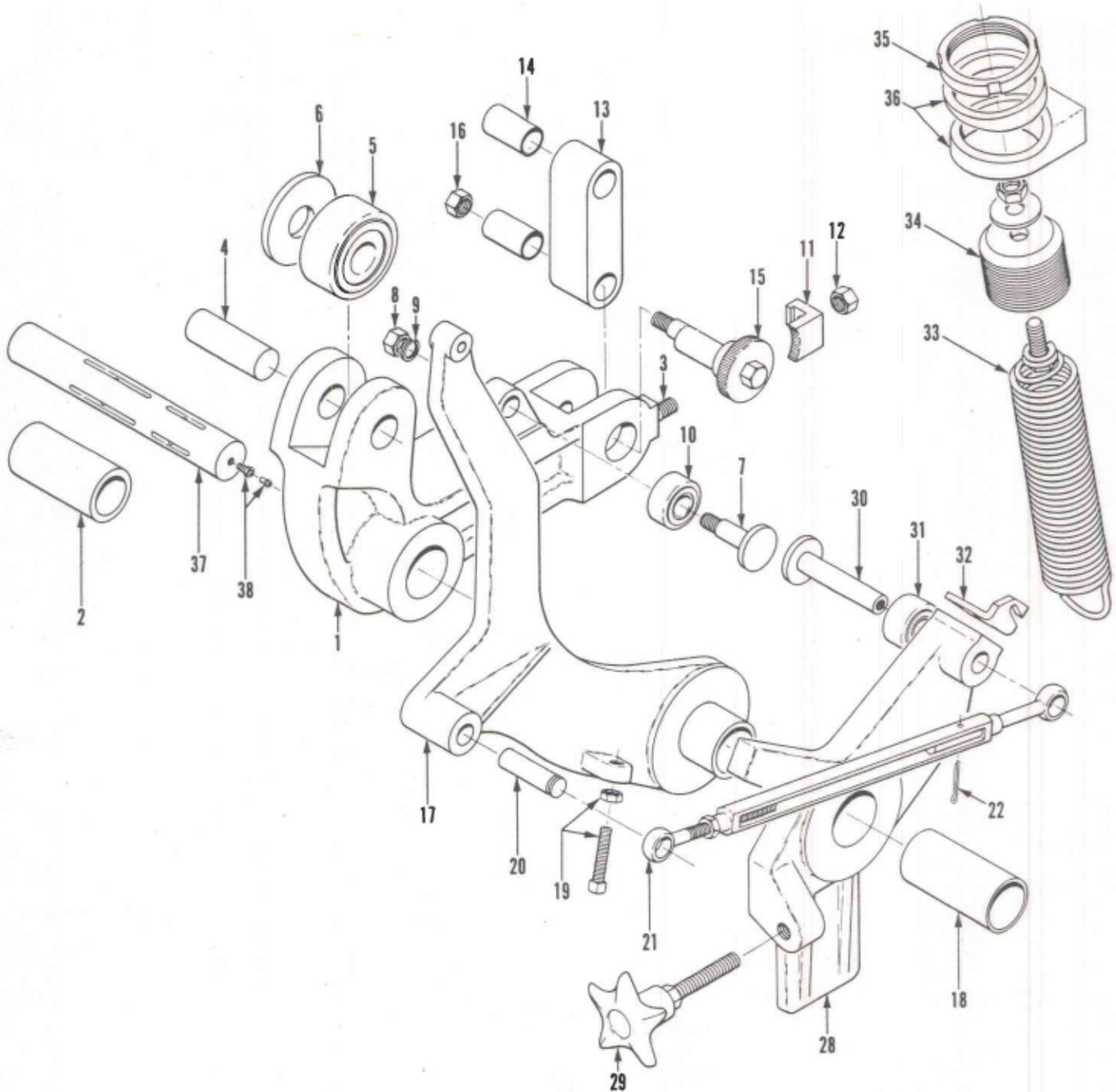
#10 McGill MCFR-52 SBX



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**LOWER PUNCHING LEVER
& FEED ARM ASSEMBLY—Super**



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**LOWER PUNCHING LEVER
& FEED ARM ASSEMBLY—Super**

| ITEM | PART NO. | DESCRIPTION | QTY |
|------|----------|-------------------------------------|-----|
| 1 | 124004 | Punching Lever—Lower | 1 |
| 2 | 124005 | Bushing | 1 |
| 3 | 124006 | Stud—1/2" UNC | 1 |
| | 124007 | Stud—1/2" - 12 BSW | |
| 4 | 124024 | Pin | 1 |
| 5 | 124022 | Needle Bearing—Sealed | 1 |
| | 100014 | Roller Bearing—Open | |
| 6 | 124025 | Spacer—4.5mm, Needle Bearing | 1 |
| | 124026 | Spacer—5.5mm, Roller Bearing | |
| 7 | 124030 | Shoulder Pin } for Needle Bearing | 1 |
| | 124031 | | |
| | 124032 | Pin—20mm, for Ball Bearing | 1 |
| 8 | 100017 | Nut—3/4" UNC | 1 |
| 9 | 100018 | Lockwasher | 1 |
| 10 | 100015 | Needle Bearing—Sealed | 1 |
| | 100016 | Ball Bearing—Open | |
| 11 | 124045 | Lock Shoe | 1 |
| 12 | 100021 | Nut—1/2" UNC | 1 |
| | 100022 | Nut—1/2" - 12 BSW | |
| 13 | 123044 | Link | 1 |
| 14 | 123042 | Bushing—Link | 2 |
| 15 | 123045 | Eccentric Pin | 1 |
| 16 | 100005 | Nut—5/8" UNC | 1 |
| 17 | 134003 | Feed Arm—Upper | 1 |
| 18 | 124015 | Bushing | 1 |
| 19 | 124016 | Adjusting Screw w/Nut—1/2" UNC | 1 |
| | 124017 | Adjusting Screw w/Nut—1/2" - 12 BSW | |

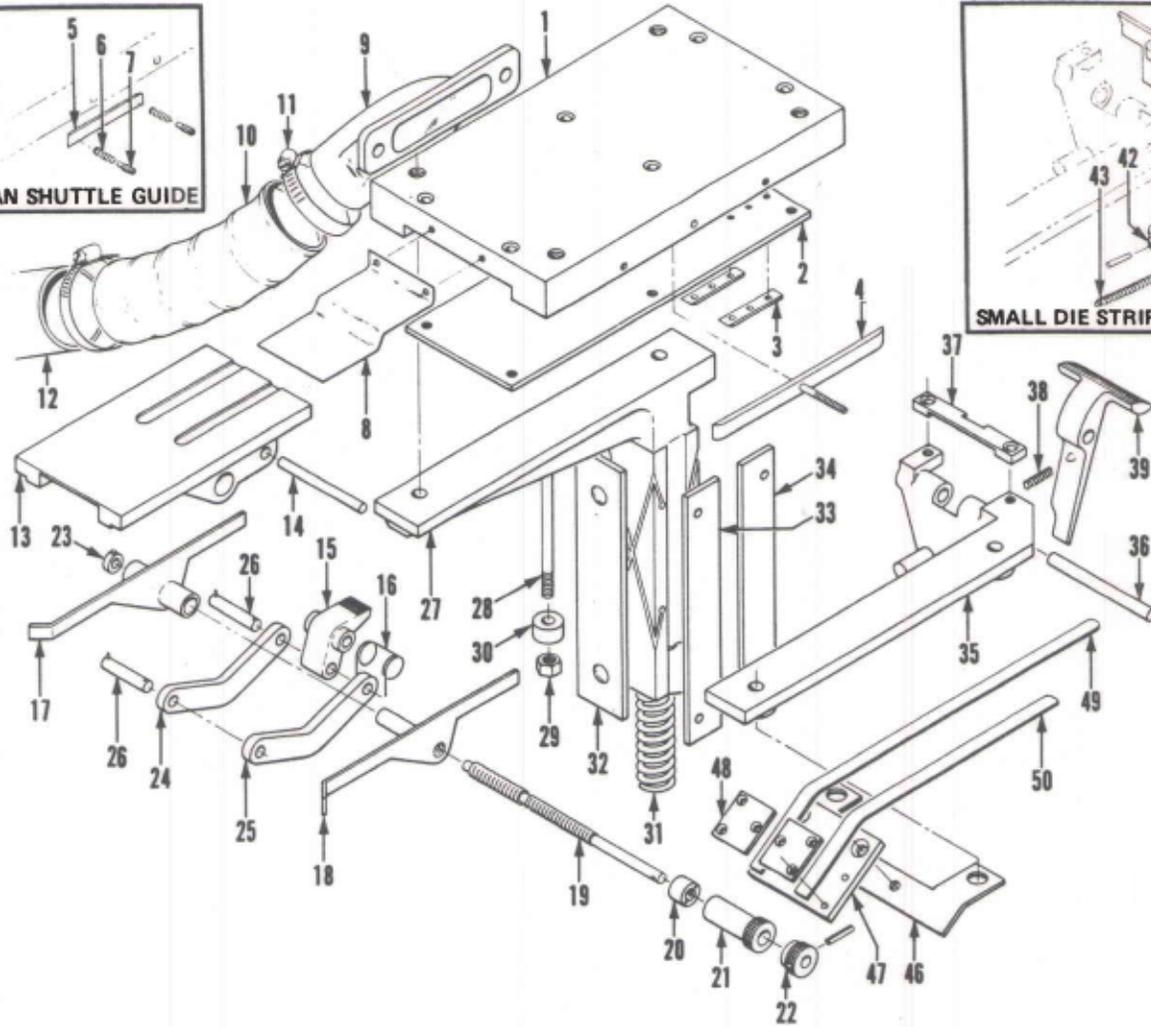
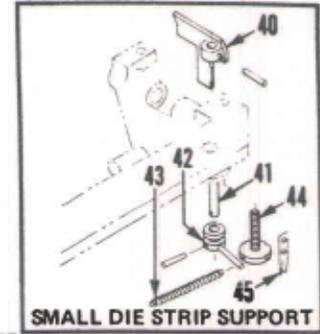
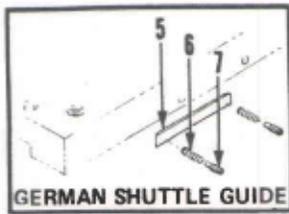
| ITEM | PART NO. | DESCRIPTION | QTY |
|------|----------|-----------------------------------|-----|
| 20 | 134007 | Pin—20mm | 1 |
| | 134008 | Pin—25mm | |
| 21 | 134009 | Shear Pin Assembly | 1 |
| 22 | ----- | Cotter Pin—1/8" x 1 1/4", Soft | 1 |
| 23 | 134010 | Spring—Feed Arm | 1 |
| 24 | 134012 | Connector—Spring | 1 |
| 25 | 134014 | Anchor Plate—Spring | 1 |
| 26 | 134011 | Spring—Feed Arm | 2 |
| 27 | 134013 | Connector—Spring | 1 |
| 28 | 134001 | Feed Arm—Lower | 1 |
| 29 | 124049 | Adjusting Handle Assembly | 1 |
| 30 | 134004 | Shoulder Pin } for Needle Bearing | 1 |
| | 134005 | | |
| | 134006 | Pin—20mm, for Ball Bearing | 1 |
| 31 | 100015 | Needle Bearing—Sealed | 1 |
| | 100016 | Ball Bearing—Open | |
| 32 | 134016 | Connector—Spring | 1 |
| 33 | 134015 | Spring—Return | 1 |
| 34 | 134017 | Hub—Spring Tension | 1 |
| 35 | 100023 | Locknut—U.S. Std. | 1 |
| | 134018 | Locknut—Metric | |
| 36 | 134019 | Anchor Block & Saddle Assy. | 1 |
| 37 | 124021 | Shaft—Pivot | 1 |
| 38 | 124019 | Grease Fitting Assembly | 1 |



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FEEDWORKS SHUTTLE ASSEMBLY—Standard

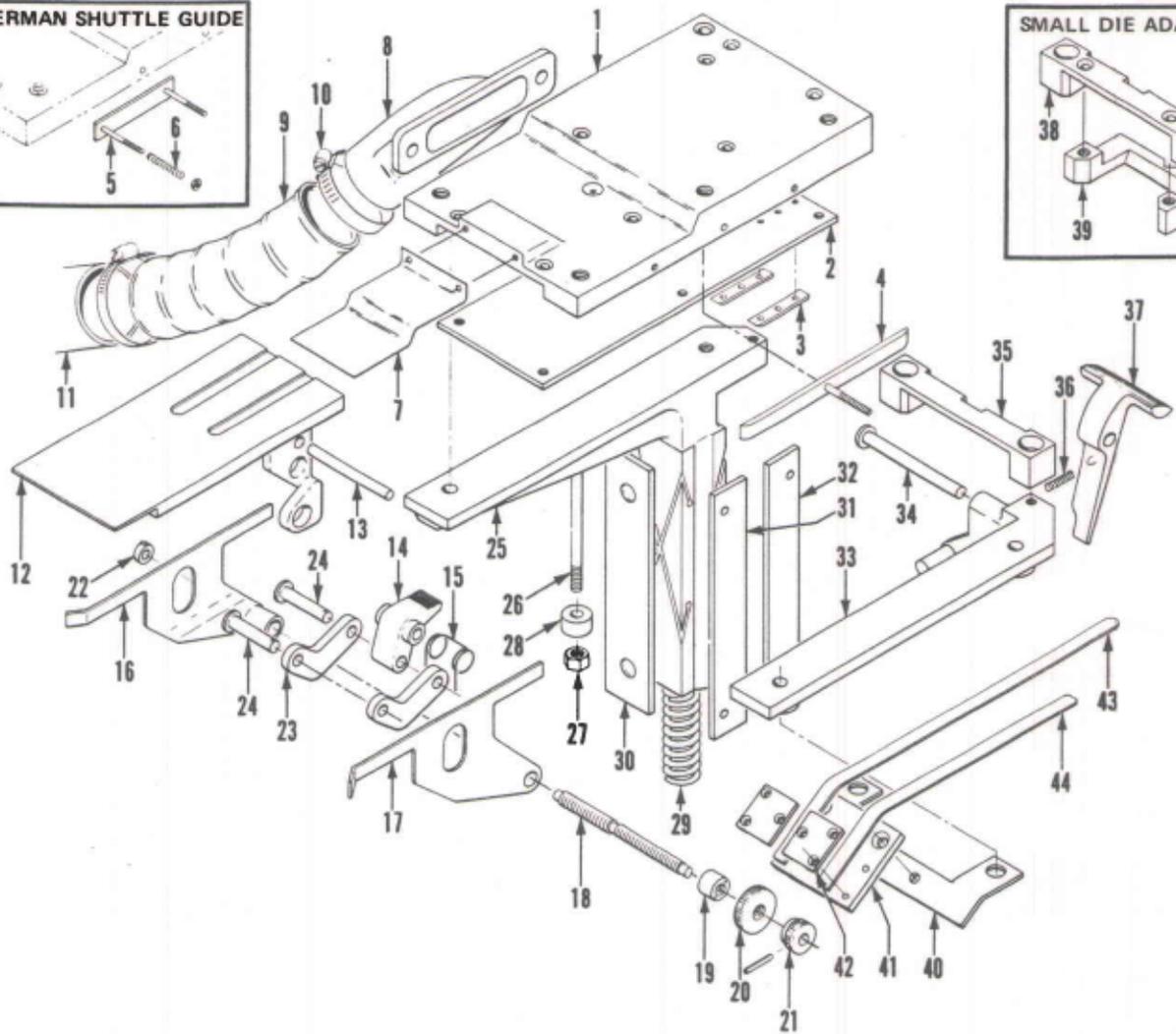
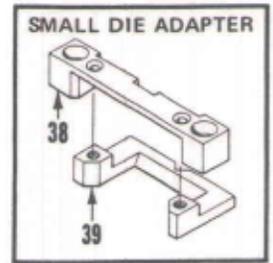


| ITEM | PART NO. | DESCRIPTION | QTY |
|------|----------|-------------------------|-----|
| 1 | 122013 | Guide—Shuttle Assy. | 1 |
| 2 | 122014 | Wear Plate | 1 |
| 3 | 122016 | Shim—Strip Material | 2 |
| 4 | 122015 | Gib Key | 1 |
| 5 | 122039 | Brake Key | 1 |
| 6 | 122040 | Spring | 2 |
| 7 | 122041 | Screw—Spring | 2 |
| 8 | 122017 | Guide Tongue | 1 |
| 9 | 127001 | Air Nozzle | 1 |
| 10 | 127002 | Hose | 1 |
| 11 | 100007 | Clamp | 2 |
| 12 | 127003 | Blower Tube | 1 |
| | 122001 | Shuttle Assembly | 1 |
| 13 | 122002 | Brass Shuttle | 1 |
| 14 | 122003 | Pin—Feed Dog | 1 |
| 15 | 122004 | Feed Dog | 1 |
| 16 | 122005 | Torsion Spring—Feed Dog | 1 |
| 17 | 122006 | Strip Guide | 1 |
| 18 | 122007 | Strip Guide—Threaded | 1 |
| 19 | 122008 | Adjusting Screw | 1 |
| 20 | 122009 | Bushing—Threaded | 1 |
| 21 | 122010 | Lock Collar | 1 |
| 22 | 122011 | Knob—Adjusting Screw | 1 |
| 23 | 122012 | Set Collar | 1 |
| 24 | 122030 | Link—w/Pin Slot | 1 |
| 25 | 122031 | Link | 1 |

| ITEM | PART NO. | DESCRIPTION | QTY |
|------|----------|---------------------------|-----|
| 26 | 122032 | Pin—Link | 2 |
| 27 | 122018 | Feedworks Slide | 1 |
| 28 | 122019 | Stud—Feedworks Slide | 1 |
| 29 | 100006 | Nut | 2 |
| 30 | 122020 | Rubber Stop | 1 |
| 31 | 122021 | Spring—Feedworks Slide | 1 |
| 32 | 122022 | Gib Plate—Feedworks Slide | 1 |
| 33 | 122023 | Face Plate—Left | 1 |
| 34 | 122024 | Face Plate—Right | 1 |
| 35 | 122025 | Shuttle Support | 1 |
| 36 | 122026 | Pin—Strip Holder | 1 |
| 37 | 122027 | Bridge | 1 |
| 38 | 122028 | Spring—Strip Holder | 1 |
| 39 | 122029 | Strip Holder | 1 |
| 40 | 122042 | Strip Support | 1 |
| 41 | 122043 | Pin | 1 |
| 42 | 122044 | Return Arm | 1 |
| 43 | 122045 | Spring—Return Arm | 1 |
| 44 | 122046 | Adjusting Screw | 1 |
| 45 | 122047 | Lock Tab | 1 |
| | 122033 | Strip Ejector Assembly | 1 |
| 46 | 122034 | Bracket | 1 |
| 47 | 122035 | Insulator Block | 1 |
| 48 | 122036 | Clamp Plate | 2 |
| 49 | 122037 | *Finger—Support (13") | 1 |
| 50 | 122038 | *Finger—Ground Probe (9") | 1 |

* 9" (P/N 122050) and 13" (P/N 122049) drilled fingers are also available.

FEEDWORKS SHUTTLE ASSEMBLY—Super



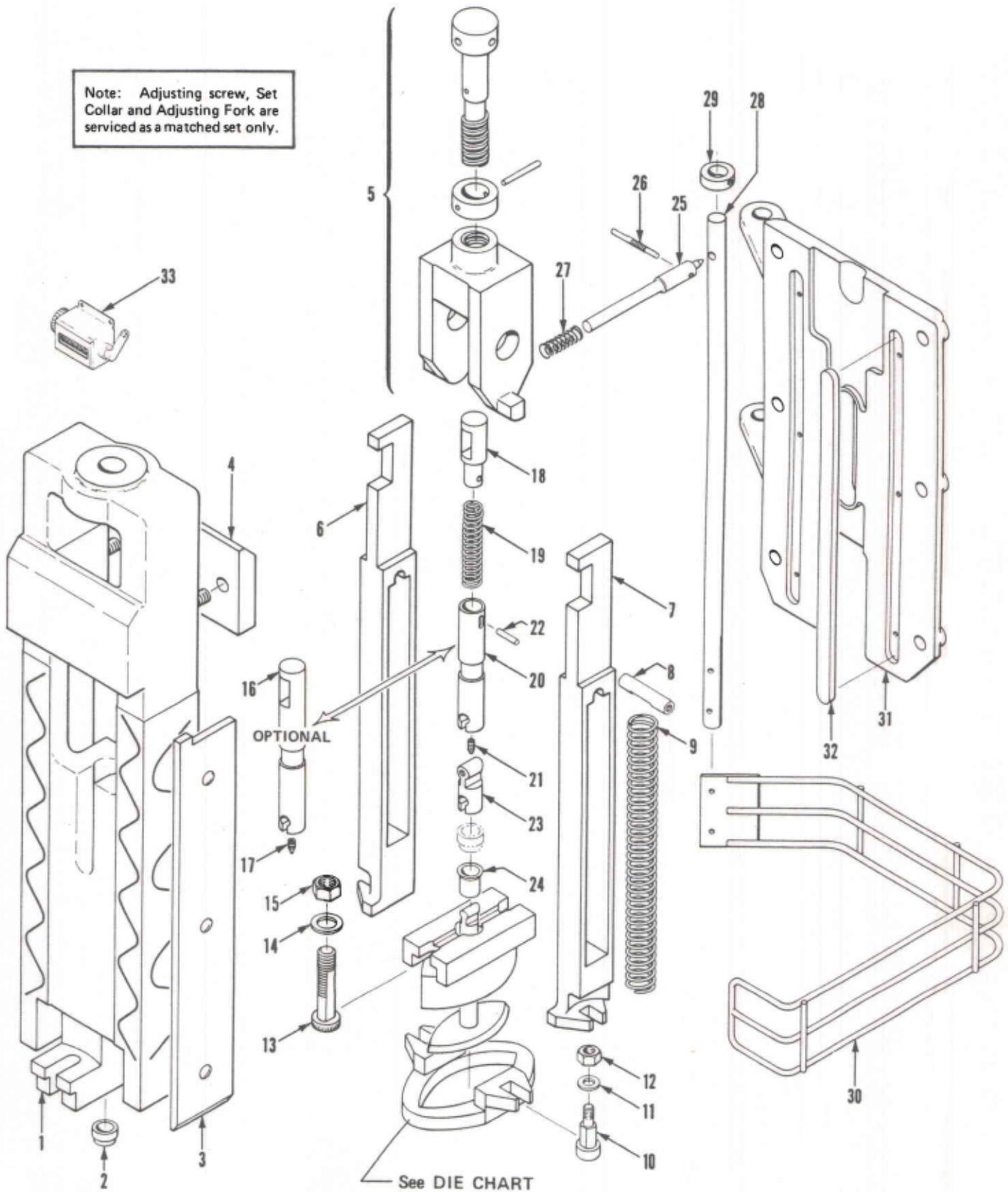
| ITEM | PART NO. | DESCRIPTION | QTY |
|------|----------|-------------------------|-----|
| 1 | 132012 | Guide—Shuttle Assy. | 1 |
| 2 | 132013 | Wear Plate | 1 |
| 3 | 122016 | Shim—Strip Material | 2 |
| 4 | 132014 | Gib Key | 1 |
| 5 | 132030 | Brake Key w/Nuts | 1 |
| 6 | 122040 | Spring | 2 |
| 7 | 132015 | Guide Tongue | 1 |
| 8 | 137001 | Air Nozzle | 1 |
| 9 | 127002 | Hose | 1 |
| 10 | 100007 | Clamp | 2 |
| 11 | 137002 | Blower Tube | 1 |
| 12 | 132002 | Brass Shuttle | 1 |
| 13 | 132003 | Pin—Feed Dog | 1 |
| 14 | 132004 | Feed Dog | 1 |
| 15 | 132005 | Torsion Spring—Feed Dog | 1 |
| 16 | 132006 | Strip Guide | 1 |
| 17 | 132007 | Strip Guide—Threaded | 1 |
| 18 | 132008 | Adjusting Screw | 1 |
| 19 | 132009 | Bushing—Threaded | 1 |
| 20 | 132010 | Locknut—Knurled | 1 |
| 21 | 132011 | Knob—Adjusting Screw | 1 |
| 22 | 122012 | Set Collar | 1 |

| ITEM | PART NO. | DESCRIPTION | QTY |
|------|----------|--------------------------------|-----|
| 23 | 132024 | Link | 2 |
| 24 | 132025 | Pin—Link | 2 |
| 25 | 132016 | Feedworks Slide | 1 |
| 26 | 122019 | Stud—Feedworks Slide | 1 |
| 27 | 100006 | Nut | 2 |
| 28 | 122020 | Rubber Stop | 1 |
| 29 | 122021 | Spring—Feedworks Slide | 1 |
| 30 | 122022 | Gib Plate—Feedworks Slide | 1 |
| 31 | 122023 | Face Plate—Left | 1 |
| 32 | 122024 | Face Plate—Right | 1 |
| 33 | 132017 | Shuttle Support | 1 |
| 34 | 132018 | Pin—Strip Holder | 1 |
| 35 | 132019 | Bridge | 1 |
| 36 | 122028 | Spring—Strip Holder | 1 |
| 37 | 132023 | Strip Holder | 1 |
| | 132020 | Small Die Bridge Adapter Assy. | 1 |
| 38 | 132021 | Bridge | 1 |
| 39 | 132022 | Adapter | 1 |
| | 132026 | Strip Ejector Assembly | 1 |
| 40 | 132027 | Bracket | 1 |
| 41 | 122035 | Insulator Block | 1 |
| 42 | 122036 | Clamp Plate | 2 |
| 43 | *132028 | Finger—Support (15") | 1 |
| 44 | *132029 | Finger—Ground Probe (6") | 1 |

* 6" (P/N 132037) and 15" (P/N 132036) drilled fingers are also available.

UPPER SLIDE ASSEMBLY—Standard

Note: Adjusting screw, Set Collar and Adjusting Fork are serviced as a matched set only.



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UPPER SLIDE ASSEMBLY—Standard

| ITEM | PART NO. | DESCRIPTION | QTY | ITEM | PART NO. | DESCRIPTION | QTY |
|------|----------|-----------------------------|-----|------|----------|-------------------------|-----|
| 1 | 123002 | Upper Slide | 1 | | 123026 | Ejector Rod Assembly | 1 |
| 2 | 123003 | Bushing | 1 | 18 | 123027 | Ejector Rod—Top | 1 |
| 3 | 123004 | Gib Plate | 1 | 19 | 123028 | Spring—Ejector Rod | 1 |
| 4 | 123005 | Locking Plate | 1 | 20 | 123029 | Ejector Rod—Bottom | 1 |
| 5 | 123011 | Die Adjusting Assembly | 1 | 21 | 100001 | Detent Plunger | 1 |
| 6 | 123015 | Holddown Slide—Rear | 1 | 22 | 123030 | Pin—Rod Connector | 1 |
| 7 | 123016 | Holddown Slide—Front | 1 | 23 | 123031 | Coupling—Defect Ejector | 1 |
| 8 | 123017 | Pin—Centering | 2 | 24 | ■121017 | Bushing | 1 |
| 9 | *123018 | Spring—Holddown Slide | 2 | 25 | 123022 | Safety Plunger Assembly | 1 |
| 10 | 121001 | Holddown Ring Bolt Assembly | 2 | 26 | 123023 | Finger Catch | 1 |
| 11 | 100002 | Washer—Hardened | 1 | 27 | 123024 | Spring—Plunger Assy. | 1 |
| 12 | 100003 | Nut | 1 | 28 | 123020 | Shaft—Basket Guard | 1 |
| 13 | 121002 | Die Bolt Assembly | 2 | 29 | 123021 | Set Collar | 1 |
| 14 | 100004 | Washer—Hardened | 1 | 30 | 123019 | Basket Guard | 1 |
| 15 | 100005 | Nut | 1 | 31 | 123006 | Face Plate | 1 |
| 16 | 123025 | Ejector Rod—Solid | 1 | 32 | 123007 | Gib Key | 2 |
| 17 | 100001 | Detent Plunger | 1 | 33 | 100201 | Counter—6-Digit | 1 |

*To order 8" single Holddown Slide Spring use part number 123048.

■Included with Top Die.

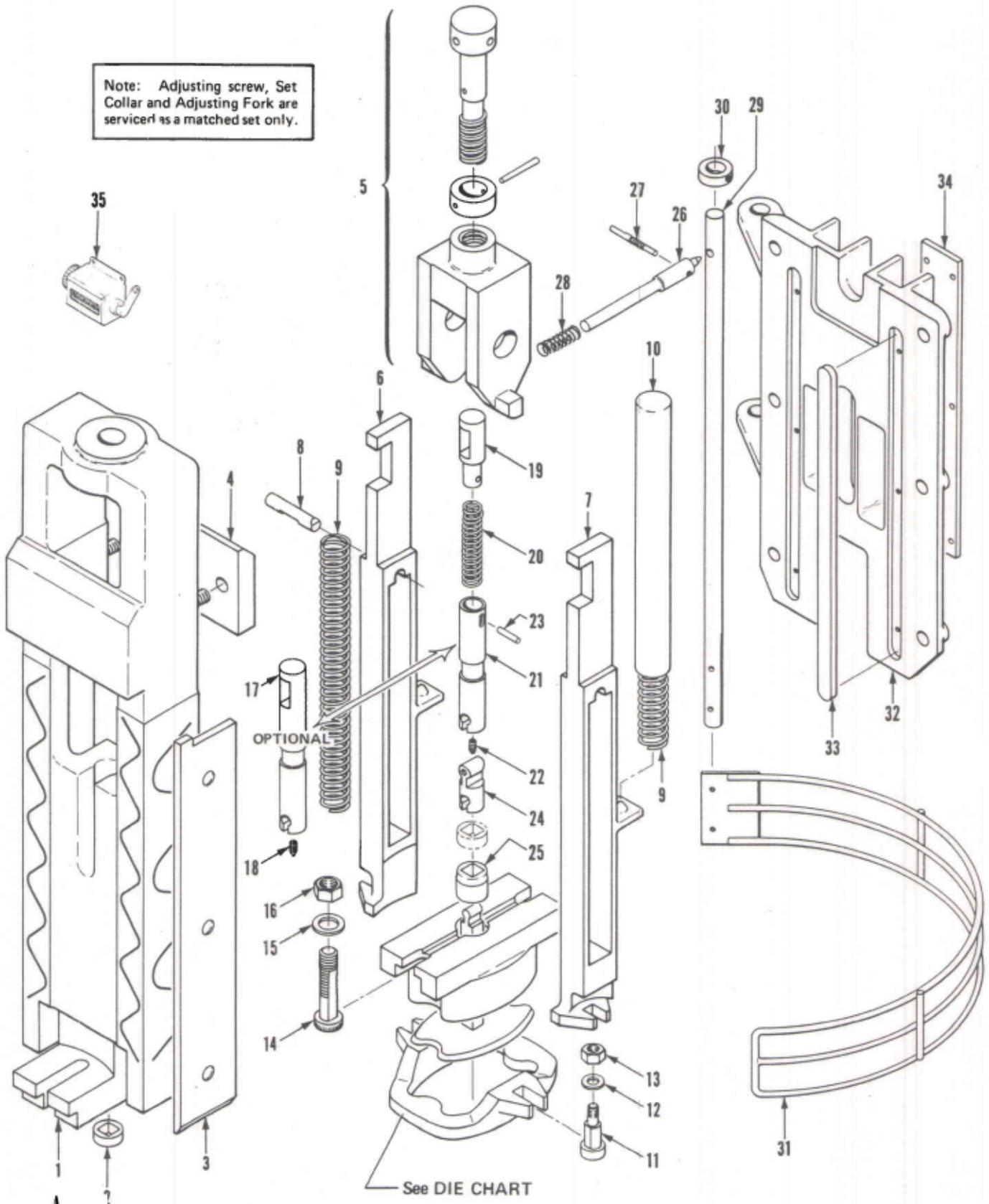


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UPPER SLIDE ASSEMBLY—Super

Note: Adjusting screw, Set Collar and Adjusting Fork are serviced as a matched set only.



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UPPER SLIDE ASSEMBLY—Super

| ITEM | PART NO. | DESCRIPTION | QTY | ITEM | PART NO. | DESCRIPTION | QTY |
|------|----------|-----------------------------|-----|------|----------|-------------------------|-----|
| 1 | 133002 | Upper Slide | 1 | | 123026 | Ejector Rod Assembly | 1 |
| 2 | *133003 | Bushing | 1 | 19 | 123027 | Ejector Rod—Top | 1 |
| 3 | 133004 | Gib Plate | 1 | 20 | 123028 | Spring—Ejector Rod | 1 |
| 4 | 133005 | Locking Plate | 1 | 21 | 123029 | Ejector Rod—Bottom | 1 |
| 5 | 133009 | Die Adjusting Assembly | 1 | 22 | 100001 | Detent Plunger | 1 |
| 6 | 133012 | Holddown Slide—Rear | 1 | 23 | 123030 | Pin—Rod Connector | 1 |
| 7 | 133013 | Holddown Slide—Front | 1 | 24 | 123031 | Coupling—Defect Ejector | 1 |
| 8 | 123017 | Pin—Centering | 2 | 25 | ■131014 | Bushing | 1 |
| 9 | 133014 | Spring—Holddown Slide | 4 | 26 | 123022 | Safety Plunger Assembly | 1 |
| 10 | 133015 | Tube—Spring | 2 | 27 | 123023 | Finger Catch | 1 |
| 11 | 121001 | Holddown Ring Bolt Assembly | 2 | 28 | 123024 | Spring—Plunger Assy. | 1 |
| 12 | 100002 | Washer—Hardened | 1 | 29 | 123020 | Shaft—Basket Guard | 1 |
| 13 | 100003 | Nut | 1 | 30 | 123021 | Set Collar | 1 |
| 14 | 121002 | Die Bolt Assembly | 2 | 31 | 133016 | Basket Guard | 1 |
| 15 | 100004 | Washer—Hardened | 1 | 32 | 133006 | Face Plate | 1 |
| 16 | 100005 | Nut | 1 | 33 | 133007 | Gib Key | 2 |
| 17 | 123025 | Ejector Rod—Solid | 1 | 34 | 133008 | Cover—Spring Tube | 2 |
| 18 | 100001 | Detent Plunger | 1 | 35 | 100201 | Counter—6-Digit | 1 |

*This bushing is not used in machines equipped with the long Top Die bushing (item 25).

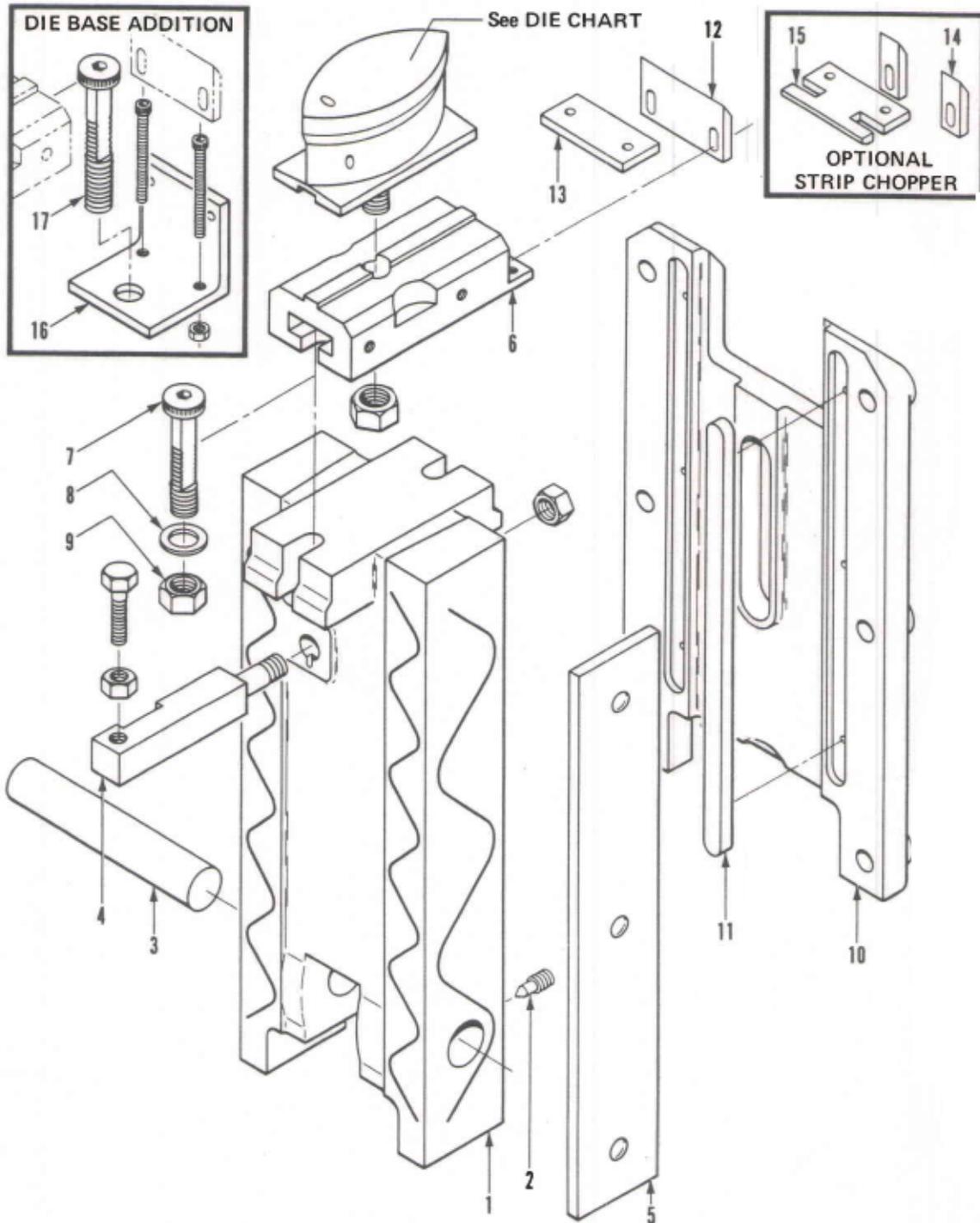
■Included with Top Die.



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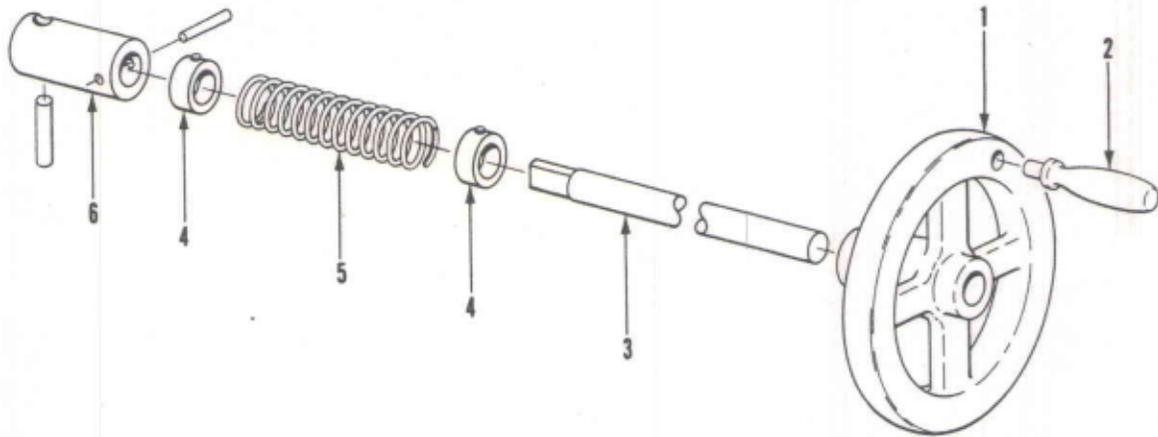
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LOWER SLIDE ASSEMBLY



| ITEM | PART NO. | DESCRIPTION | STD | SUPER | ITEM | PART NO. | DESCRIPTION | STD | SUPER |
|------|----------|---------------------------|-----|-------|------|----------|---------------------|-----|-------|
| 1 | 123001 | Lower Slide | 1 | -- | 10 | 123032 | Face Plate | 1 | 1 |
| | 133001 | Lower Slide | -- | 1 | 11 | 123033 | Gib Key | 2 | 2 |
| 2 | 123008 | Setscrew—Special | 1 | 1 | 12 | 123035 | Strip Chopper | 1 | -- |
| 3 | 123034 | Pin—Lower Slide | 1 | 1 | | 133017 | Strip Chopper | -- | 1 |
| 4 | 123010 | Adjusting Block—Feedworks | 1 | 1 | 13 | 123036 | Anvil | 1 | -- |
| 5 | 123009 | Gib Plate | 1 | 1 | | 133018 | Anvil | -- | 1 |
| 6 | 121003 | Die Base | 1 | -- | 14 | 123037 | Strip Chopper | 2 | -- |
| | 131001 | Die Base | -- | 1 | 15 | 123038 | Guide Anvil | 1 | -- |
| 7 | 121002 | Die Bolt Assembly | 2 | 2 | | 123039 | Die Base Addition | 1 | -- |
| 8 | 100004 | Washer—Hardened | 1 | 1 | 16 | 123040 | Bracket—w/Capscrews | 1 | -- |
| 9 | 100005 | Nut | 1 | 1 | 17 | 121004 | Die Bolt Assy.—Long | 1 | -- |

HAND CYCLE ASSEMBLY



| ITEM | PART NO. | DESCRIPTION | STD | SUPER |
|------|----------|------------------|-----|-------|
| 1 | 127004 | Handwheel | 1 | 1 |
| 2 | 127005 | Handle—Revolving | 1 | 1 |
| 3 | 127006 | Shaft | 1 | -- |
| | 137003 | Shaft | -- | 1 |

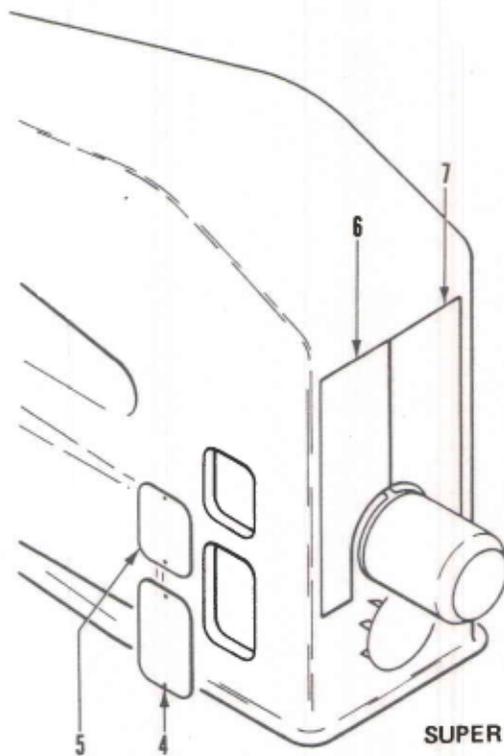
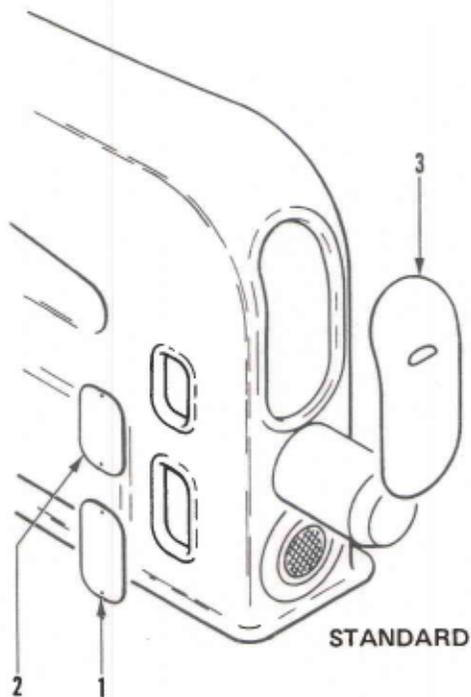
| ITEM | PART NO. | DESCRIPTION | STD | SUPER |
|------|----------|---------------|-----|-------|
| 4 | 127007 | Set Collar | 2 | 2 |
| 5 | 127008 | Spring | 1 | 1 |
| 6 | 137004 | Sleeve w/Pins | -- | 1 |



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INSPECTION COVERS



| ITEM | PART NO. | DESCRIPTION | QTY |
|------|----------|--------------|-----|
| 1 | 129003 | Cover—Lower | 1 |
| 2 | 129004 | Cover—Upper | 1 |
| 3 | 129002 | Cover—Clutch | 1 |
| 4 | 139004 | Cover—Lower | 1 |
| 5 | 139005 | Cover—Upper | 1 |
| 6 | 139006 | Door—Left | 1 |

| ITEM | PART NO. | DESCRIPTION | QTY |
|------|----------|-----------------------|-----|
| 7 | 139007 | Door—Right | 1 |
| | 129005 | Top Cover—Upper Head | 1 |
| | 129006 | Side Cover—Upper Head | 1 |
| | 139002 | Top Cover—Upper Head | 1 |
| | 139003 | Side Cover—Upper Head | 1 |

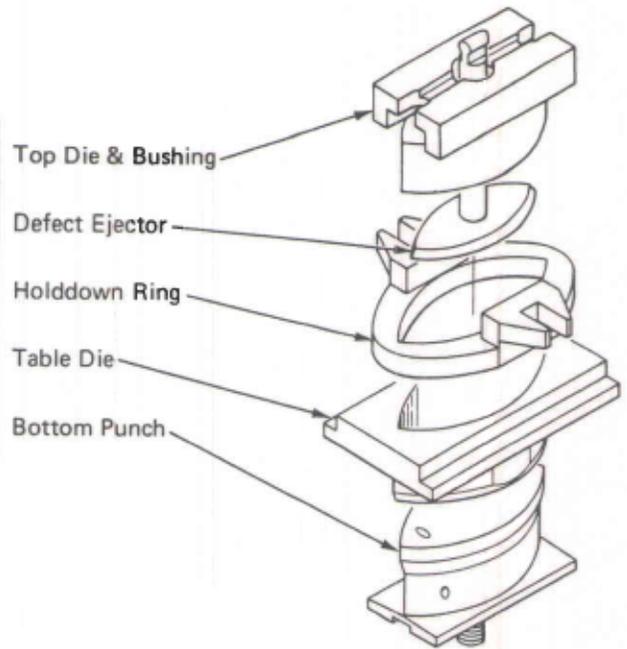


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DIE CHART

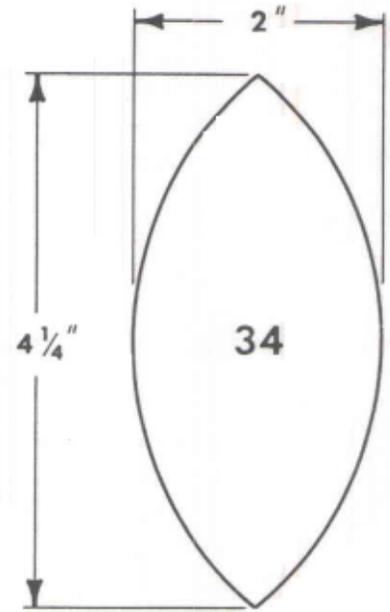
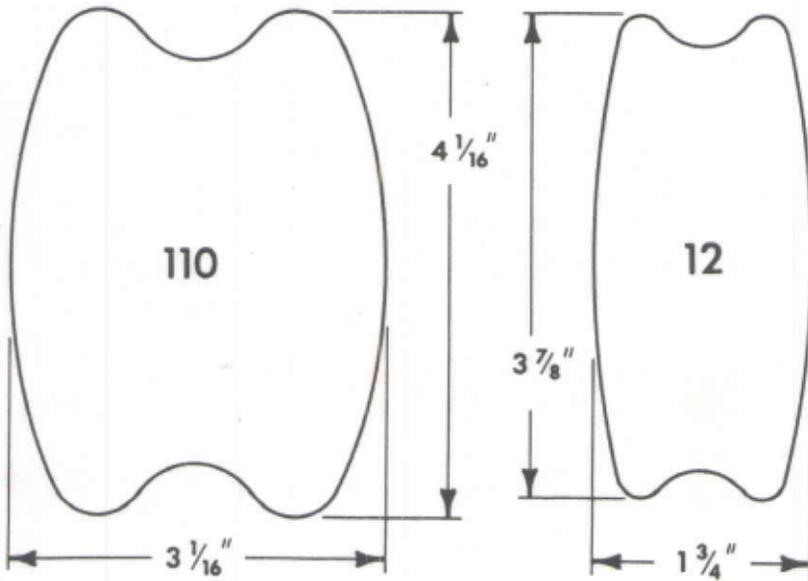
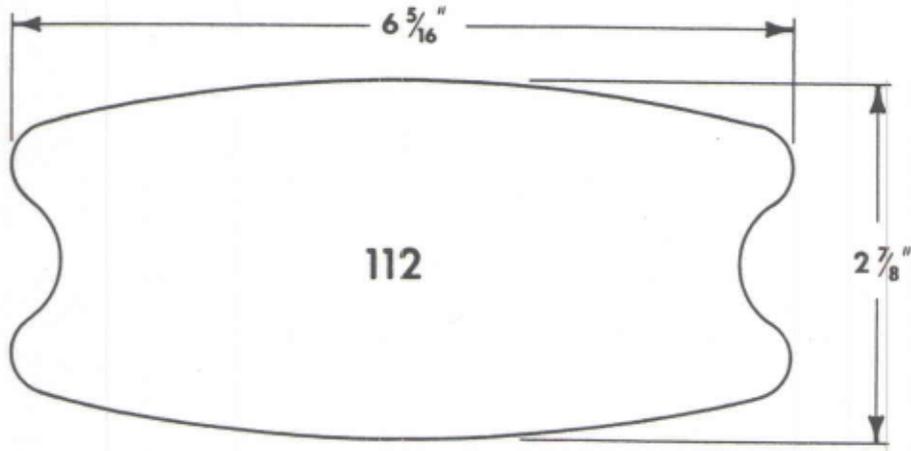
| PROFILE 12 | PROFILE 34 | PROFILE 110 | PROFILE 112 |
|---------------|---------------|----------------|----------------|
| 121005 | 121011 | 131002 | 131008 |
| 121008 | 121014 | 131005 | 131011 |
| 121009 | 121015 | 131006 | 131012 |
| 121006 | 121012 | 131003 | 131009 |
| 121007 | 121013 | 131004 | 131010 |



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PATCH PROFILE



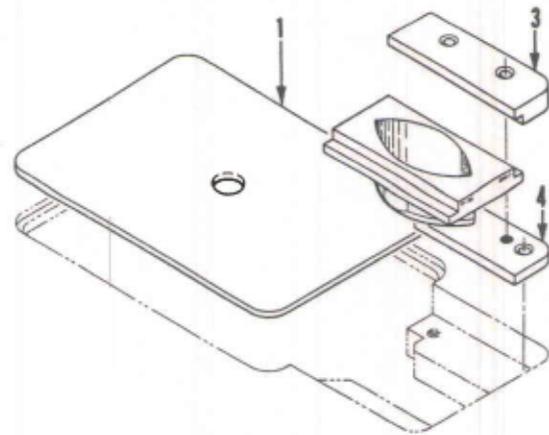
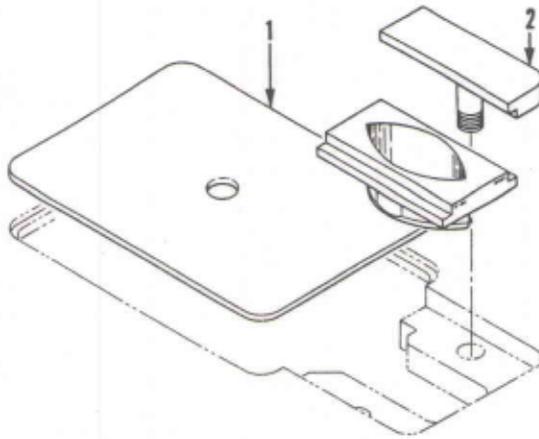
NOTE: Other die profiles are available on special order.



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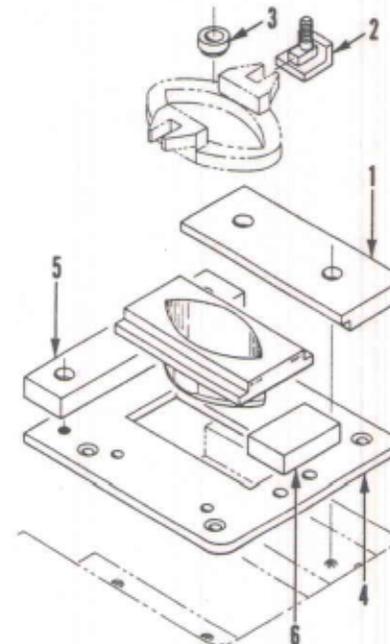
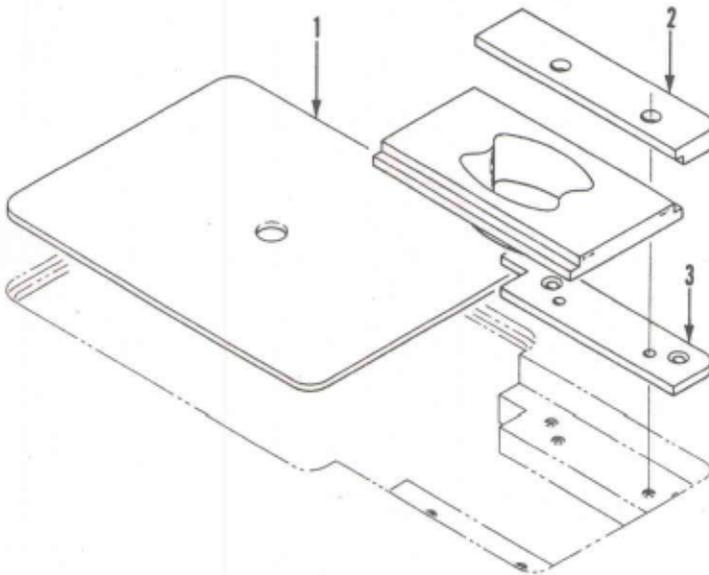
TABLE DIE MOUNTING—Standard



| ITEM | PART NO. | DESCRIPTION | QTY |
|------|----------|-----------------|-----|
| 1 | 129007 | Cover—Feedworks | 1 |
| 2 | { 121019 | Clamp—Rear | 1 |
| | { 121020 | Clamp—Front | 1 |

| ITEM | PART NO. | DESCRIPTION | QTY |
|------|----------|-----------------|-----|
| 3 | { 121021 | Clamp—Rear | 1 |
| | { 121022 | Clamp—Front | 1 |
| 4 | { 121023 | Insert—Rear | 1 |
| | { 121024 | Insert—Front | 1 |
| | 129008 | Table—40" x 47" | 1 |

TABLE DIE MOUNTING — Super



| ITEM | PART NO. | DESCRIPTION | QTY |
|------|----------|-----------------|-----|
| 1 | 139008 | Cover | 1 |
| 2 | { 131015 | Clamp—Rear | 1 |
| | { 131016 | Clamp—Front | 1 |
| 3 | { 131017 | Insert—Rear | 1 |
| | { 131018 | Insert—Front | 1 |
| | 139009 | Table—45" x 47" | 1 |

| ITEM | PART NO. | DESCRIPTION | QTY |
|------|----------|----------------------------|-----|
| | *131027 | Small Die Conversion Kit | 1 |
| 1 | { 131019 | Clamp—Rear | 1 |
| | { 131020 | Clamp—Front | 1 |
| 2 | { 131025 | Holddown Ring T-Bolt Assy. | 2 |
| | { 100002 | Washer—Hardened | 1 |
| | { 100003 | Nut—3/8" UNC | 1 |
| 3 | 131026 | Bushing—Upper Slide | 1 |
| | 131021 | Insert Plate Assembly | 1 |
| 4 | 131022 | Insert Plate | 1 |
| 5 | 131023 | Block—Left | 1 |
| 6 | 131024 | Block—Right | 1 |

*Includes Small Die Bridge Adapter Assembly (P/N 132020).



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