CAUTION:
Disconnect Power Unit
Before Servicing Tool
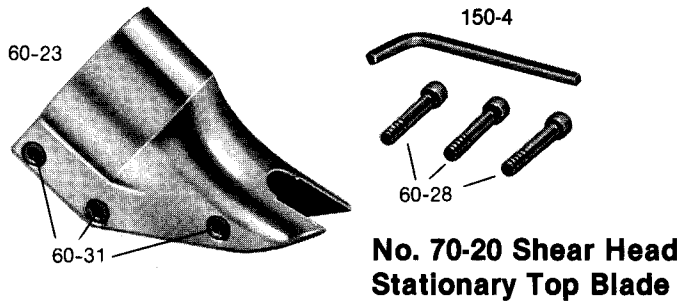
No. 70-20 Shear Head
Stationary Top Blade

No. 80-20 Shear Head
Stationary Bottom Blade
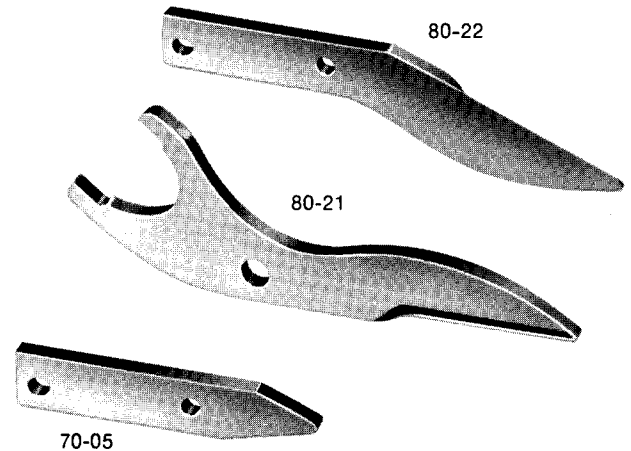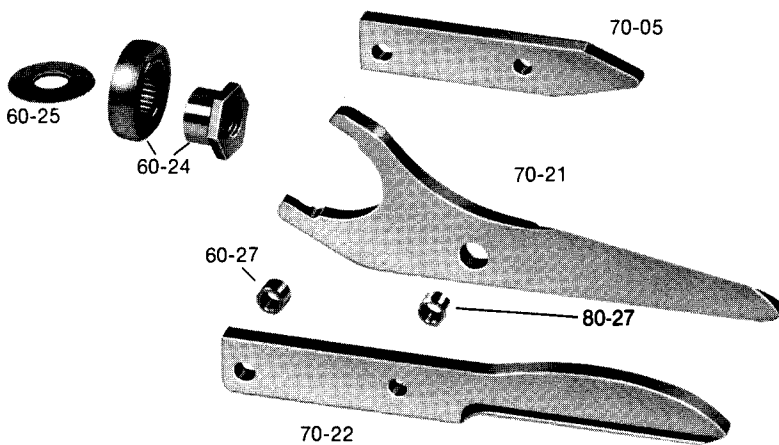
DISASSEMBLY

To remove shear head from motor loosen three cap screws (60-28). Remove shear head from motor by pulling head firmly forward. Slight twisting action may be required if head does not slide off easily.

To remove cutter blades from shear head remove three cap screws (60-28) completely from shear housing (60-23). Be careful not to lose rear spacer bushing (60-27) when removing middle cap screw. Remove center scissor blade from shear housing by tapping blade gently rearward. Be careful not to lose spacer bushing (80-27) from hole in center blade. Side knife and side spacer (70-05) will now drop out of the shear housing.

To remove eccentric bearing assembly (60-24) from shaft use an appropriate wrench to loosen eccentric nut by turning counter clockwise.

ASSEMBLY

To install eccentric bearing assembly (60-24) onto shaft make sure the large thin washer (60-25) is first inserted over shaft. Screw eccentric bearing assembly onto shaft and tighten with appropriate wrench. Lubricate bearing with a good grade of bearing grease.

To install cutter blades into shear housing (60-23) place the side knife and side spacer into position in the shear housing (60-23). Insert center cap screw (60-28) through side knife and side spacer with rear spacer bushing (60-27) between them and start cap screw into thread just enough to hold blades in place. DO NOT TIGHTEN. Insert spacer bushing (80-27) into hole in center scissor blade and lubricate with a good grade of bearing grease. Install center scissor blade into shear housing by tapping blade gently forward using a drift to line up hole in center blade with forward holes in housing. Insert and tighten forward cap screw (60-28) making sure spacer bushing (60-27) in center blade

60-23	Shearing Housing
60-24	Eccentric Bearing Assembly
60-25	Thin Washer, Large
60-27	Spacer Bushing
60-28	Cap Screw (3)
150-4	Allen Wrench
60-31	Knurled Insert (3)
70-05	Side Spacer
70-21	Center Scissor Blade
70-22	Side Knife
80-21	Center Scissor Blade
80-22	Side Knife
80-27	Spacer Bushing

stays in position. Apply good grade of bearing grease to clevis or yoke in center blade where it rides on the eccentric bearing assembly. Insert rear cap screw (60-28) into shear housing but do not completely tighten.

To install shear head assembly onto drive motor make sure all cap screws (60-28) are loosened about three or four complete turns. Place shear head onto unit and tighten cap screws snugly to lock head assembly in place. It may be necessary to gently tap the shear head into place if it does not readily slip onto the nose of the power unit.

SPECIAL SIDE KNIVES

For cutting woven wood or other rigid slat type materials side knives are available that do not have the wipping action of the standard Scissor Shears. These are: 75-22 Side Knife transforming the 70-20 Shear Head into the 75-20 Shear Head and the 85-22 Side Knife transforming the 80-20 Shear Head into the 85-20 Shear Head.

KETT TOOL COMPANY

253-58 PNEUMATIC POWER UNIT
PARTS LIST
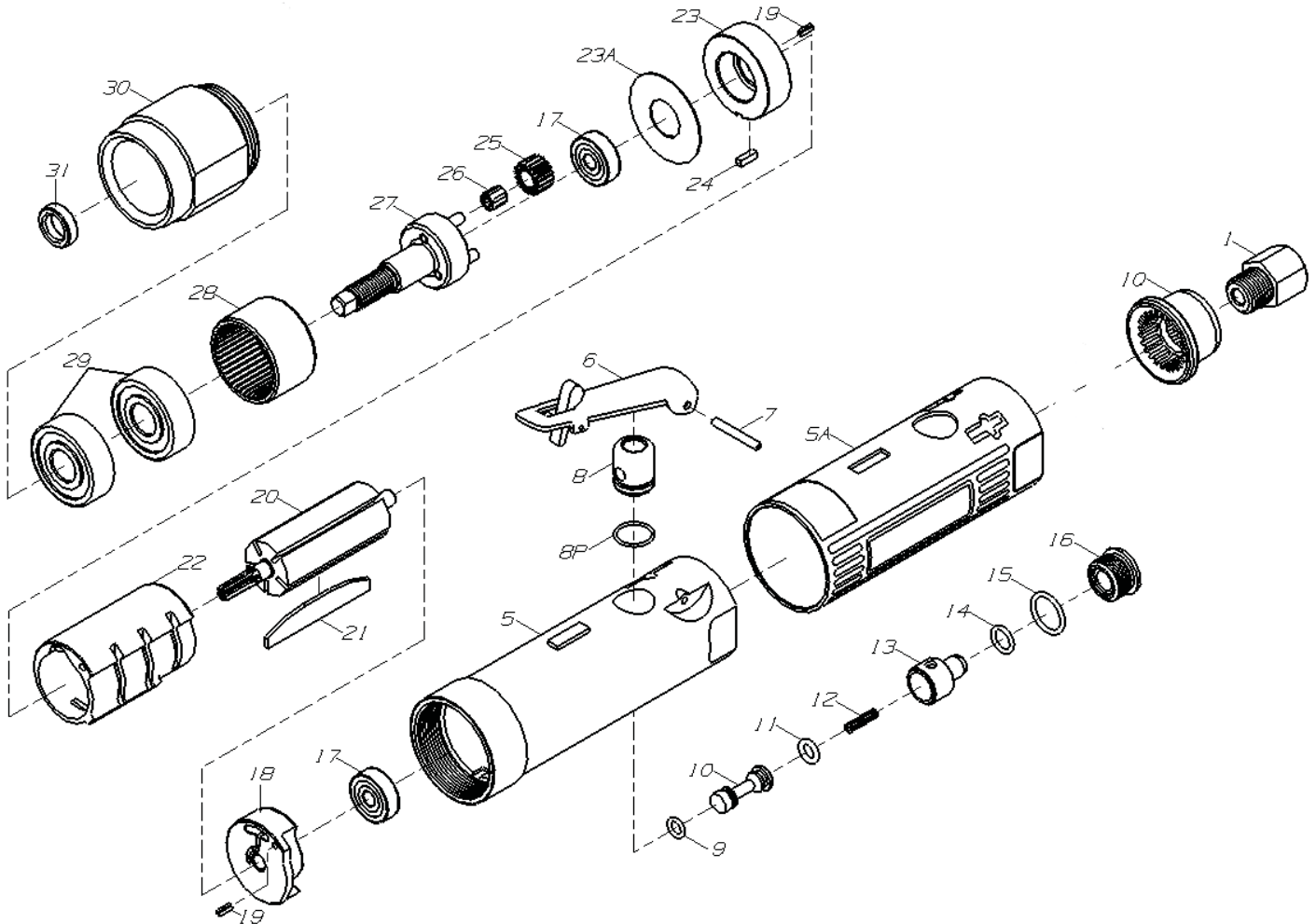
ITEM NO.	PART NO.	DESCRIPTION	REQ'D TOOL	ITEM NO.	PART NO.	DESCRIPTION	REQ'D TOOL
1	103132	Inlet Bushing	1	17	0626-ZZ0A	Ball Bearing	2
1Q	103129	Exhaust Deflector	1	18	103116	Rear End Plate	1
5	303305	Motor Housing	1	19	P-0025-060	Pin	2
5A	103118-S	Housing Sleeve	1	20	303319	Rotor	1
6	103127	Lever	1	21	303115	Rotor Blades	5
7	P-0030-220	Lever Pin	1	22	303112	Cylinder	1
8	103126	Valve Bushing	1	23	303323	Front End Plate	1
8P	O-1100-120	O-Ring	1	23A	103322A	Washer	1
9	O-0500-150	O-Ring	1	24	303324	Key	1
10	103125	Throttle Valve	1	25	103323	Idler Gear	3
11	O-0500-200	O-Ring	1	26	K477TN	Needle Bearing	3
12	103123	Spring	1	27	303327	Idler Gear Plate	1
13	103122	Air Regulator	1	28	303328	Ring Gear	1
14	O-0700-180	O-Ring	1	29	6201-Z00A	Ball Bearing	2
15	O-1100-250	O-Ring	1	30	303330	Gear Cap	1
16	103119	Valve Screw	1	31	303331	Washer	1