



**NOTE: Order parts by Catalog Number only.
DO NOT order by Reference Number.**

Ref. No.	Catalog No.	Description	Ref. No.	Catalog No.	Description	Ref. No.	Catalog No.	Description
1†	30948	Feed Screw	16	30878	Input Pinion	30	87977	Wear Plate
2	87687	Adjustment Screw	17	40287	Dowel Pin (2)	31	30923	Slide Block
3	87947	Shoulder Screw	18	87682	Support Bar (2)	32	87640	Set Screw
4	87972	Wave Spring	19	30883	Large Drive Shaft	33†	33695	Retaining Ring
5	87932	Groove Setting Gauge		32838	Drive Shaft f/Copper	34	30933	Groove Roll
6†	93327	Feed Screw Bushing	20	30888	Thrust Washer		32843	Groove Roll f/Copper
7	87912	Spring	21	30893	Key .25 x .62	35†	87922	Bearing
8	87937	Retaining Ring	22	30898	Large Drive Gear	36	30938	Thrust Washer
9	30873	Labels	23	30903	Retaining Ring	37	30943	Groove Roll Shaft
10	93307	Slide Key (2)	24	93812	Bearing Flange	38	93282	#10-24 Screw (4)
11	93302	10-24 x 1/2" Soc Head (4)	25	30908	Screw 1/4-20 x 1-38 SHC	39	93312	Cover Plate
12	46860	Grease Fitting (3)	26	45150	Washer (6)	40	45157	Front Seal
13	96730	Hex Nut	27	30913	Rear Cover Assembly	41	45142	Needle Bearing
14	93777	Needle Bearing	28	30918	Bearing		30708	1/2" Ratchet Extension
15	93782	Thrust Washer	29	30928	Main Housing Assembly		30703	1/2" Drive Ratchet

† Service Notes: Ref. No. 1 – Coat with EP grease.
 Ref. No. 6 – Apply Loctite #271 to external threads prior to assembly.
 Ref. No. 33 – Install Retaining Ring burr side away from bearing.
 Ref. No. 35 – Apply Loctite #271 to outside of bearing prior to assembly.

† Service Note: – Grease components monthly, more often during heavy usage.