



**Service Notes:**

- Ref. No. †6 Face shield out
- Ref. No. †14 Use as pressing tool to remove bearings,  
Ref. No. 8  
Note: "Locating Dimple" on shaft head  
to line up set screw Ref. No. 12
- Ref. No. †20 Face metal side toward bearing  
Ref. No. 18

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

Ref. No.	Catalog No.	Description	Ref. No.	Catalog No.	Description
1	48497	Screw 3/16" - 16 x 1/2" (2)	25	47037	Drive Link
2	48442	Coupling - Short	26	87940	Roll Pin (2)
	66547	Coupling - Long	27	45137	Handle
3	45207	Hex Hd Screw 10 - 32 x 1/2" (4)	28	45182	Drive Pin
4	45202	Retaining Ring	29	47027	Detente Pin
5	45152	Retaining Ring	30	47032	Detente Spring
†6	45147	Double Roll Ball Bearing	31	45172	Drive Link Bearing (2)
7	45122	Drive Shaft	32	70682	Positioning Plate (Europe Only)
	45652	Drive Shaft f/Copper Tubing	33	27242	Screw 10 - 32 x 1/2" (2) (Europe Only)
	45662	Drive Shaft f/1" Pipe	34	48437	Lower Roll Housing f/1822 Includes Ref. No. 11
	69647	Drive Shaft 1 1/4 to 1 1/2 (AWWA)		48507	Lower Roll Housing f/300 Includes Ref. No. 11
	69672	Drive Shaft 2 to 6 (AWWA)		70687	Lower Roll Housing f/positioning plate (Europe Only)
8	45167	Hd Caged Roller Bearing (2)	35	83420	Flat Washer
9	45127	Grooving Roll	36	78005	Hex Stop Nut 1/2" - 13 (2)
	45657	Grooving Roll f/Copper Tubing	37	45397	Drive Shaft Assembly
	45667	Grooving Roll f/1" Pipe		45557	Drive Shaft Assembly f/Copper Tubing
	69652	Grooving Roll 1 1/4 to 1 1/2 (AWWA)		45572	Drive Shaft Assembly f/1" Pipe
	69677	Grooving Roll 2 to 6 (AWWA)		69657	Drive Shaft Assembly 1 1/4 to 1 1/2 (AWWA)
10	42580	Retaining Ring		69682	Drive Shaft Assembly 2 to 6 (AWWA)
11	46860	Grease Fitting	38	45587	Grooving Roll Assembly w/Bearing
12	45187	Cone Pt. Screw 10 - 32 x 1/4"		45562	Grooving Roll Assembly w/Bearing f/Copper Tubing
13	45112	Upper Roll Housing		45577	Grooving Roll Assembly w/Bearing f/1" Pipe
†14	45132	Groove Roll Shaft includes Ref. No. 11		69662	Grooving Roll Assembly 1 1/4 to 1 1/2 (AWWA)
15	48447	Adjusting Screw		69687	Grooving Roll Assembly 2 to 6 (AWWA)
16	45402	Adjusting Screw Spring	39	45352	Roll Set f/Copper Tubing incl. Ref. No. 35 & 36
17	48452	Pivot Pin		45347	Roll Set f/1" incl. Ref. No. 35 & 36
18	45142	Caged Roller Bearing		69667	Roll Set 1 1/4 to 1 1/2 (AWWA)
19	45162	Retaining Ring		69692	Roll Set 2 to 6 (AWWA)
†20	45157	Front Seal		47492	Warning & Depth Adjusting Label
21	45117	Drive Link Shaft	40	61242	Base - 535
22	45192	Cone Pt. Screw 1/4" - 20 x 1/2"	41	40930	3/8" Locker Washer
23	77720	Washer	42	46675	3/8" x 3/4" Bolt
24	78005	Hex Stop Nut 1/2" - 13 (2)			