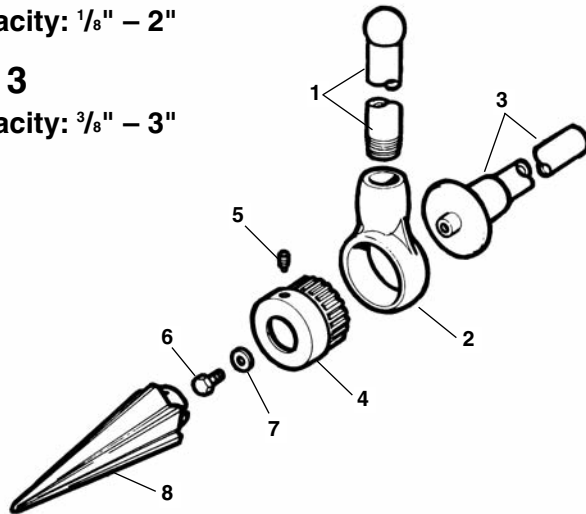
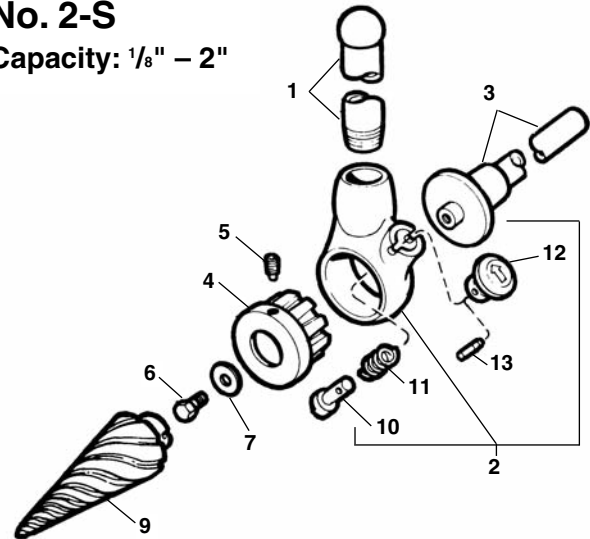
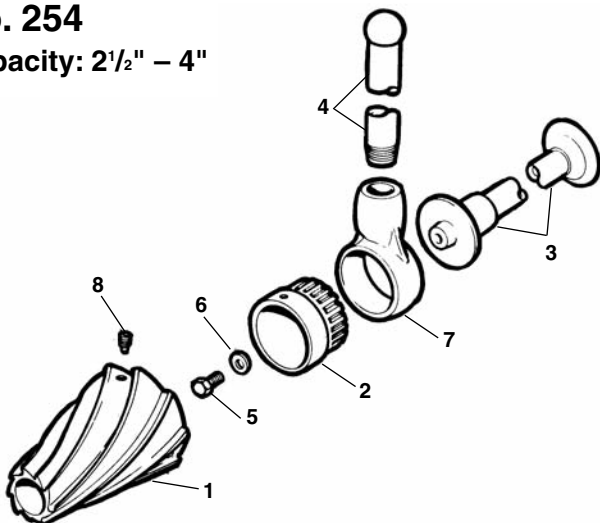


No. 2Capacity: $\frac{1}{8}$ " – 2"**No. 3**Capacity: $\frac{3}{8}$ " – 3"**No. 2-S**Capacity: $\frac{1}{8}$ " – 2"

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

Ref. No.		No. 2 Catalog No.	No. 3 Catalog No.	No. 2-S Catalog No.
—	Reamer Assembly Complete	34945	34950	34955
1	Handle	35030	35030	35030
2	Ratchet Assembly w/Pawl & Spring	34980	35100	35065
3	Handgrip	34985	35115	35070
4	Ratchet Head	34990	35105	35040
5	Set Screw	35045	35045	35045
6	Screw	35050	35050	35050
7	Washer	35055	35055	35055
8	Straight Reamer Cone	34975	35090	—
9	Spiral Reamer Cone	—	—	35020
10	Pawl	—	—	38690
11	Spring	—	—	38695
12	Knob	—	—	38700
13	Pin	—	—	38705

No. 254Capacity: $2\frac{1}{2}$ " – 4"

Ref. No.	Catalog No.	Description
—	34960	254 Reamer
1	35135	Spiral Reamer Cone
2	35145	Ratchet Head
3	35150	Handgrip Assembly
4	35030	Handle
5	35050	Screw
6	35055	Washer
7	35100	Ratchet Assembly w/Pawl & Spring
8	35140	Set Screw (3)

Exposed Ratchet Type No. 00-R

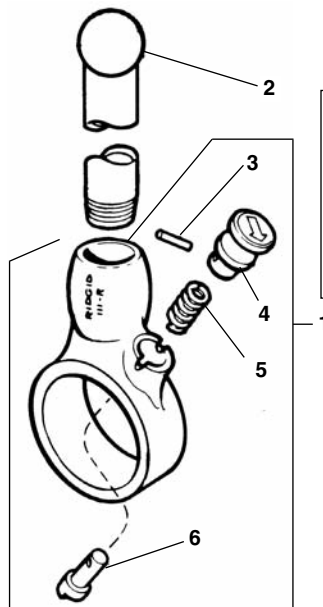
Capacity: 1/8" through 1"

No. 111-R

Capacity: 1/8" through 1 1/4"

No. 12-R

Capacity: 1/8" through 2"

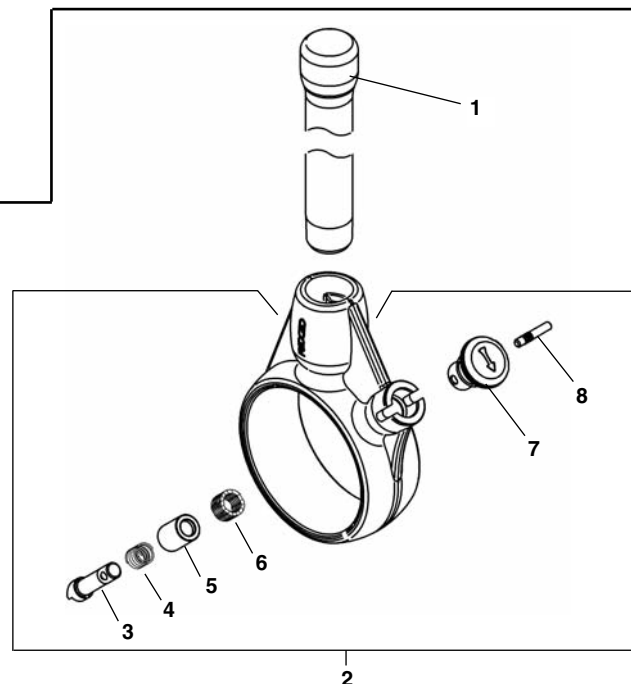


NOTE: Order parts by Catalog Number only.
DO NOT order by Reference Number.

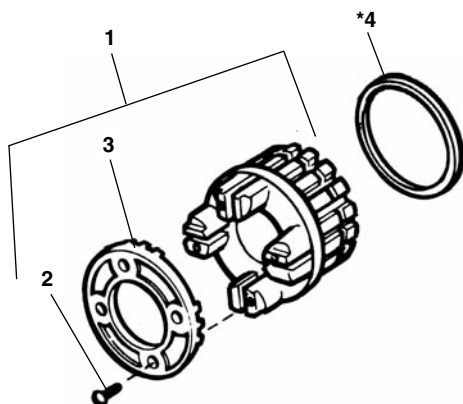
Ref. No.	Description	00-R Catalog No.	111-R Catalog No.	12-R Catalog No.
—	Ratchet and Handle Assembly	38540	38550	—
1	Ratchet Assembly	38565	38575	12238
2	Handle	38590	38585	38585
3	Pin	38705	38705	38705
4	Knob	38700	38700	38700
5	Spring	16593	38695	38695
6	Pawl	38690	38690	38690

12-R Type 2 Ratchet and Handle

Ref. No.	Catalog No.	Description
—	30118	Ratchet & Handle Assembly
1	38585	Handle
2	12238	Ratchet Assembly
3	16033	Pawl
4	38695	Compression Spring
5	16023	Sleeve
6	16018	Spring Wave Washer
7	16038	Knob
8	38705	Pawl Pin



Die Head Assembly

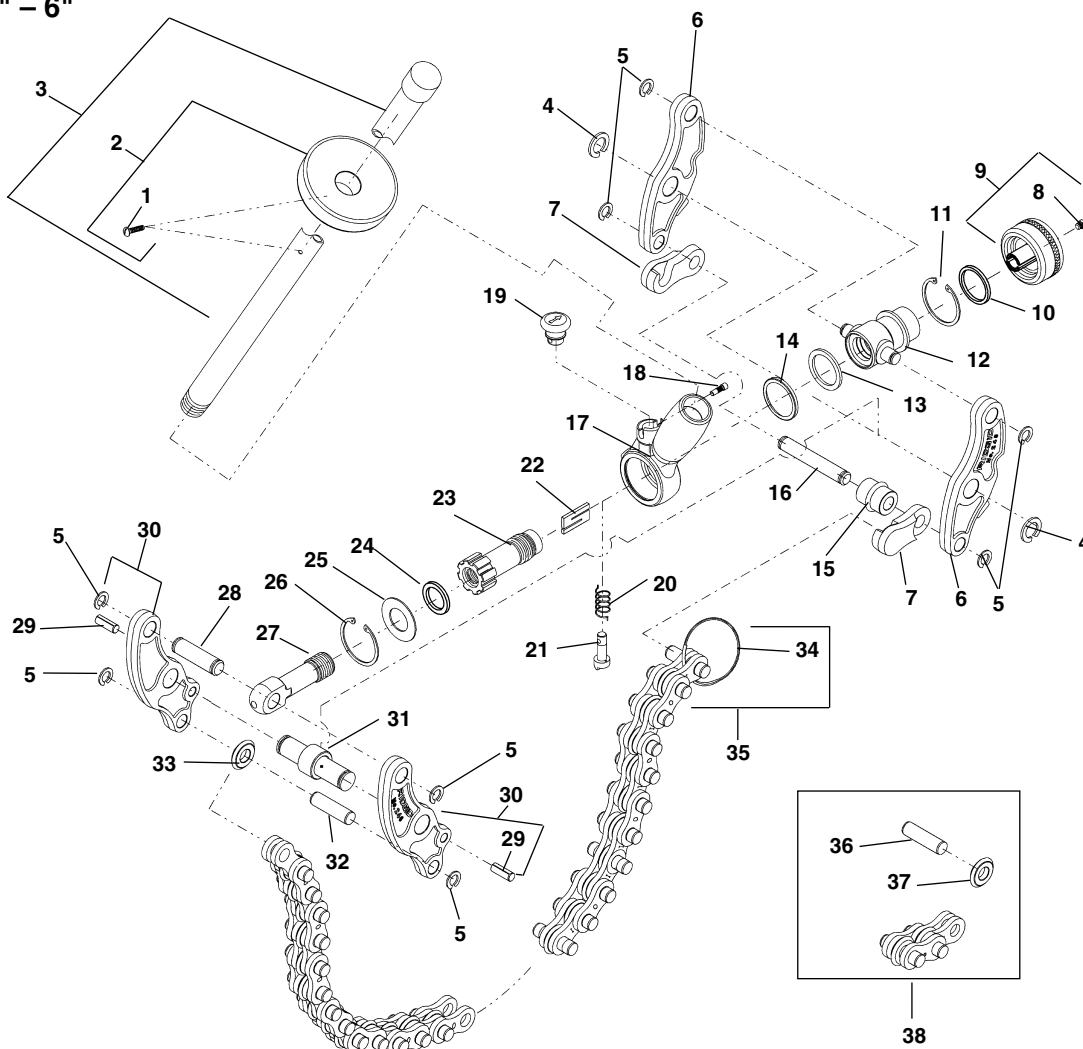


* Used on early models

Ref. No.	Description		00-R Catalog No.	12-R Catalog No.	12-R IMC Catalog No.
1	Die Head w/Cover Plate & Screws	1/8"	38710	38890	—
		1/4"	38730	38900	—
		3/8"	38740	38905	—
		1/2"	38755	38910	94060
		3/4"	38765	38915	94065
		1"	38775	38920	94070
		1 1/4"	—	38925	94075
		1 1/2"	—	38930	94080
		2"	—	38945	94085
2	Cover Plate Screw (4)	1/8"-1/4"	38720	38720	—
		3/8"-1 1/4"	38750	38750	38750
		1 1/2"-2"	—	38940	38940
3	Cover Plate	1/8"	38715	38715	—
		1/4"	38735	38735	—
		3/8"	38745	38745	—
		1/2"	38760	38760	38760
		3/4"	38770	38770	38770
		1"	38780	38780	38780
		1 1/4"	—	38880	38880
		1 1/2"	—	38935	38935
		2"	—	38950	38950
4	Spring Ring		*38725	*38895	—

No-Hub® Soil Pipe

Capacity: 2" – 6"



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

Ref. Catalog No.	No.	Description	Ref. Catalog No.	No.	Description	Ref. Catalog No.	No.	Description
—	68650	206 Soil Pipe Cutter	13	33715	Seal	26	33695	Retaining Ring
1	46470	Set Screw	14	33625	Cup	27	33615	Eyebolt
2	33440	Handle Stop Assembly	15	33635	Spacer Wheel Assy. (Incl. Ref. 5)	28	33730	Pin
3	33740	Handle Assembly	16	33650	Pin	29	51502	Spiral Pin
4	33690	Retaining Ring (2)	17	33425	Ratchet Assembly (Incl. Ref. 18-21)	30	34187	Side Arm (Inside) (2)
5	33685	Retaining Ring (8)	18	38705	Pawl Pin	31	33640	Center Pin Assembly
6	34192	Side Arm Outside (2)	19	38700	Ratchet Knob	32	33645	Pin
7	33605	Hook Assembly (Incl. Ref. 5, 7, 16)	20	33725	Pawl Spring	33	33630	Cutter Wheel Assembly (Incl. Ref. 5)
8	46860	Grease Fitting	21	38690	Ratchet Pawl	34	33675	Ring
9	33595	Knob Assembly	22	33770	Drive Blade	35	33670	Chain Assembly
10	33710	Seal	23	33435	Ratchet Shaft Assembly	36	33680	Cutter Pin
11	33700	Retaining Ring	24	33705	Seal	37	33220	Cutter Wheel
12	33430	Trunnion	25	33620	Washer	38	33665	Chain Extension Assembly

* **33665 CHAIN EXTENSION ASSEMBLY** – Includes 33220 Cutter Wheels (2), 33655 Inside Links (2), 33601 Outside Links (2) and 33680 Cutter Pins (2) per section. Each section is approximately 3 inches long.

* **33665 CHAIN EXTENSION ASSEMBLY** is completely assembled, except for one cutter wheel and one pin, packed loose. These are needed to make the connection on the existing chain. Each section is approximately 3 inches long. Remove the 33675 Ring at the end of the existing chain...connect the loose wheel and pin to the inner link on the chain. Attach the 33675 Ring to the end of the chain extension.

WARNING: Do not cut soil pipe larger diameter than: Clay - 12" diameter; Cast Iron - 8" diameter