



Item	Description	Qty.	Part Number
1	Base	1	500013-001
2	Bushing.....	4	002182-001
3	Pin, Groove, 1/8 x 3/4".....	1	060493-002
4	Shaft, Cam Follower	1	013760-001
5	Shaft, Trip Lever	1	013758-001
6	Shaft, Worm Wheel Hub	1	013753-001
7	Block, Adjusting.....	1	533582-001
8	Block, Tie Rod	1	071828-001
9	Bracket, Worm.....	1	071834-001
10	Bushing.....	3	065165-001
11	Button, Stop.....	1	071835-001
12	Cam, Safety, Models 501, 501-1, 501-2, and 501-3.....	1	013780-001
13	Cam, Shutoff, Models 501, 501-1, 501-2, and 501-3	1	500017-001
14	Cam Trip:		
	Models 501, 501-1, 501-2, 501-3, and 501-5	1	013747-001
	Models 501-4	1	539134-001
15	Clamp, Adjusting Block.....	1	013784-001
16	Counter, Reset	1	065127-001
17	Cover.....	1	013711-001
18	Follower, Cam.....	1	500016-001
19	+ Gasket, Mounting	1	002536-001
20	Gear, Drive Shutoff Cam, Models 501, 501-1, 501-2 & 501-3	1	500008-001
21	Gear, Drive Totalizer	1	013764-001
22	Gear, Driven Spiral	1	014003-001
23	Gear, Idler, Models 501, 501-1, 501-2 and 501-3.....	1	072026-001
24	Gear, Spiral	1	013772-001
25	Gear, Totalizer Worm:		
	Models 501 and 501-1	1	071837-001
	Model 501-3.....	1	536866-001
	Models 501.2, 501-4 and 501-5.....	1	072027-001
26	Gear, Totalizer:		
	Models 501 and 501-1	1	013766-001
	Models 501-2	1	013766-002
	Models 501-3	1	013766-003
27	Hub, Worm Wheel	1	500015-001
28	Hub, Worm Wheel Nut.....	1	013746-001
29	Knob, Reset.....	1	500101-001
30	Lever, Counter.....	1	013789-001
31	Lever, Trip:		
	Models 501, 501-1, 501-2, and 501-3.....	1	071827-001
	Models 501-4 and 501-5.....	1	503332-001
32	Nut, Tie Rod, 5/64" - 24 Jam	1	006835-002
33	Nut, Wing, 1/4" - 28	1	642194-406
34	Pin, Cover Hinge	2	003558-001
35	Pin, Groove, 5/64 x 1/2".....	1	065354-002
36	Pin, Groove, 5/64 x 3/4".....	1	006320-002
37	Pin, Groove, 1/16 x 3/8".....	1	006027-002
38	Pin, Roll, 5/64 x 1/2"	2	065430-001
39	Plate, Name.....	1	503793-001
40	Plate, Shutoff Limit, Models 501, 501-1, 501-2, and 501-3...	1	500014-001
41	Plunger, Models 501, 501-1, 501-2, and 501-3.....	1	013781-001
42	Ring, Retaining.....	#	065128-002
43	Ring, Retaining.....	1	064123-001
44	Ring, Retaining.....	2	009979-400
45	Rod, Tie	1	013763-001
46	Screw, Counter Mounting, #5-40 x 3/8"	4	644636-401
47	Screw, Drive	2	009880-400

Item	Description	Qty.	Part Number
48	Screw, 8/32 x 1/4".....	2	009942-400
49	Screw: Models 501, 501-1, 501-2, and 501-3, #10-32 x 1/2"	2	014170-400
	Models 501-4 and 501-5, #10-32 x 5/8".....	2	008338-400
50	Screw, #10-32 x 3/8"	1	065133-002
51	Screw, 3/8-16 x 1"	2	006008-002
52	Shaft and Worm, Drive: Models 501, 501-2 and 501-3.....	1	071840-001
	Models 501-1, 501-4, and 501-5.....	1	503336-001
53	Shaft, Drive.....	1	500134-001
54	Shaft, Spring Retainer.....	1	071830-001
55	Spacer, Models 501-4 and 501-5	1	503323-001
56	Spacer, Models 501-4 and 501-5	1	539135-001
57	Spring, Plunger, Models 501, 501-1, 501-2, and 501-3.....	1	013782-001
58	Spring, Stop.....	1	013776-001
59	Spring, Trip	1	013778-001
60	Spring, Trip Lever Return.....	1	013779-001
61	Totalizer	1	071823-001
62	Washer	2	065003-001
63	Washer, Models 501, 501-1, 501-2, and 501-3	1	641985-401
64	Washer, Spacing	1	013777-001
65	@1 Wheel, Worm Units.....	1	See Note 1
66	Plate, Instruction.....	1	013792-001

+ Recommended stock.

Use quantity required.

R Indicates change since last revision.

@1 Note 1: The base number of the worm gear is 537216-. The suffix number (which is equal to the number of teeth on the gear) is dependent upon the shutoff setting desired per model as follows:

Model 501: Use the shutoff setting number desired (between 24 and 77) as suffix to 537216.

Model 501-1: Multiply the shutoff setting number desired (between 20 and 38) by two and use as suffix to 537216.

Model 501-3: Divide the shutoff setting number desired (between 120 and 385, in increments of five) by five and use as suffix to 537216.

Model 501-4: Multiply the shutoff setting number desired (even numbers between 12 and 38) by two and use as suffix to 537216.

Model 501-5: Use the shutoff setting number desired (even numbers between 40 and 76) as the suffix to 537216.

R Model 501-2: Divide the shutoff setting number desired (between 48 and 154) by two and use as suffix to 537216.

Publication PO01033 has replaced P0301.02X which has been made obsolete. (5/2013)

The specifications contained herein are subject to change without notice and any user of said specifications should verify from the manufacturer that the specifications are currently in effect. Otherwise, the manufacturer assumes no responsibility for the use of specifications which may have been changed and are no longer in effect.

Contact information is subject to change. For the most current contact information, visit our website at www.fmctechnologies.com/measurementsolutions and click on the "Contact Us" link in the left-hand column.

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