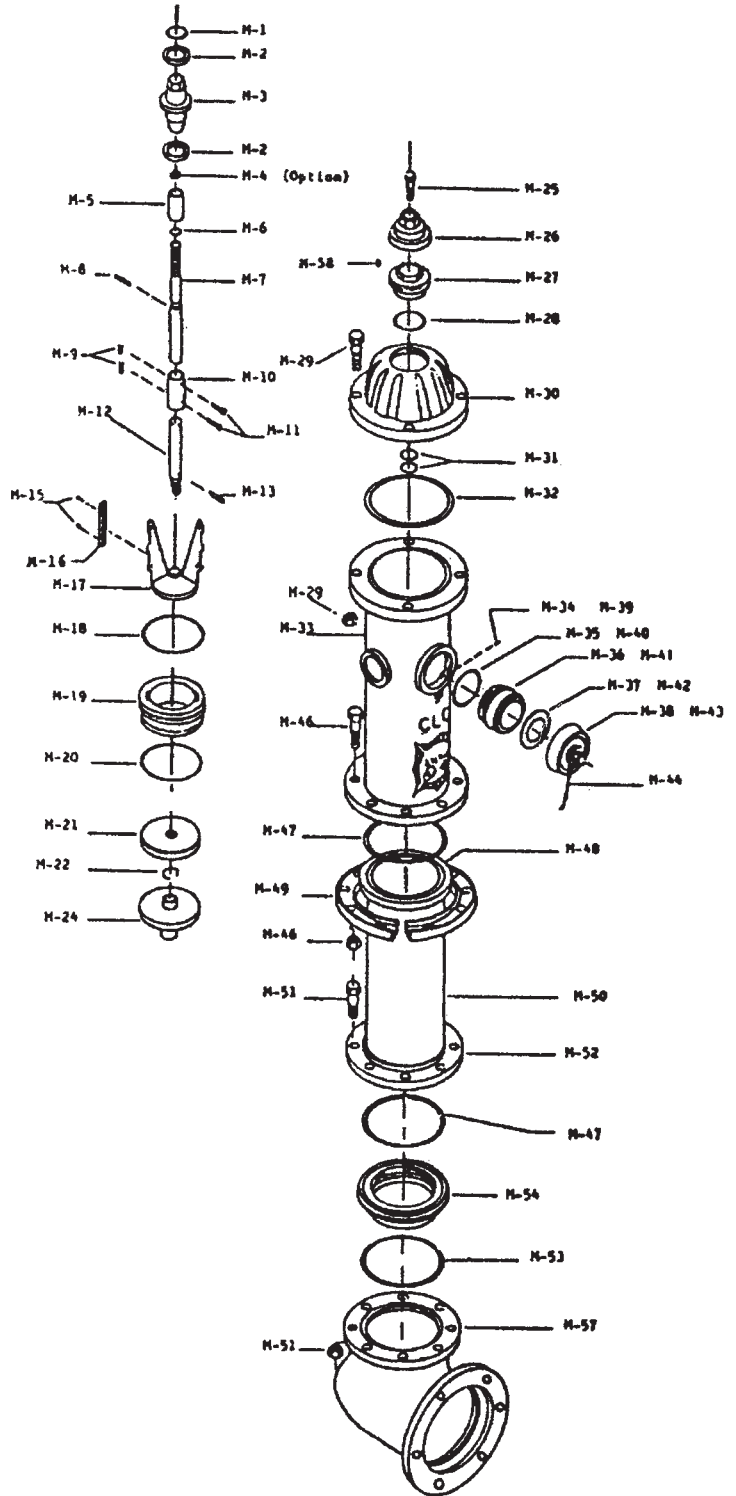


# MEDALLION HYDRANT ASSEMBLY EXPLOSION

CLOW VALVE COMPANY

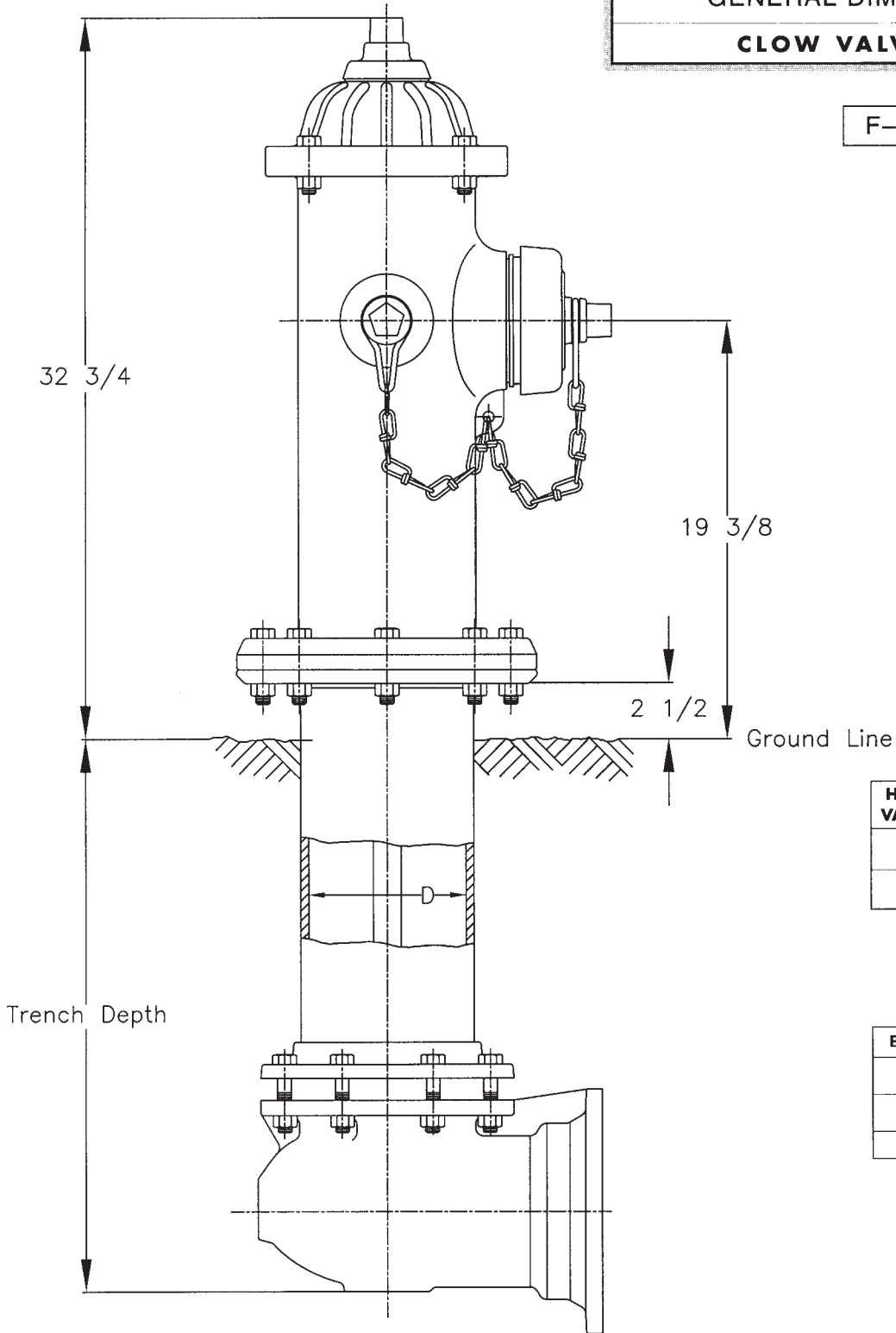
DET	QTY.	DESCRIPTION	MATERIAL
M-1	1	OPERATING NUT O-RING	NBR
M-2	2	OPERATING NUT THRUST BEARINGS	DELTRIN
M-3	1	OPERATING NUT	BRONZE
M-4	1	UPPER STEM JAM NUT (OPTION)	STAINLESS STEEL
M-5	1	UPPER STEM SLEEVE	BRONZE
M-6	1	UPPER STEM SLEEVE O-RING	NBR
M-7	1	UPPER STEM	CRS
M-8	1	UPPER STEM PIN	STAINLESS STEEL
M-9	2	SAFETY COUPLING COTTER PINS	STAINLESS STEEL
M-10	1	SAFETY STEM COUPLING	STEEL TUBING
M-11	2	SAFETY COUPLING PINS	STAINLESS STEEL
M-12	1	LOWER STEM	CRS
M-13	1	LOWER STEM PIN	STAINLESS STEEL
M-15	4	DRAIN VALVE FACING SCREW	STAINLESS STEEL
M-16	2	DRAIN VALVE FACING	URETHANE RUBBER
M-17	1	UPPER VALVE PLATE	BRONZE
M-18	1	SEAT RING UPPER O-RING	NBR
M-19	1	SEAT RING	BRONZE
M-20	1	SEAT RING LOWER O-RING	NBR
M-21	1	MAIN VALVE SEAT	URETHANE RUBBER
M-22	1	LOWER VALVE PLATE LOCKWASHER	STAINLESS STEEL
M-23			
M-24	1	LOWER VALVE PLATE	CAST IRON
M-25	1	WEATHER CAP HOLD DOWN SCREW	ZINC PLATED STEEL
M-26	1	WEATHER CAP	CAST IRON
M-27	1	THRUST NUT	BRONZE
M-28	1	THRUST NUT O-RING	NBR
M-29	4	BONNETS, BOLTS & NUTS	ZINC PLATED STEEL
M-30	1	BONNET	CAST IRON
M-31	2	STEM O-RINGS	NBR
M-32	1	BONNET O-RING	NBR
M-33	1	NOZZLE SECTION	CAST IRON
M-34	1	PUMPER NOZZLE LOCK	STAINLESS STEEL
M-35	1	PUMPER NOZZLE O-RING	NBR
M-36	1	PUMPER NOZZLE	BRONZE
M-37	1	PUMPER NOZZLE GASKET	RUBBER
M-38	1	PUMPER NOZZLE CAP	CAST IRON
M-39	2	HOSE NOZZLE LOCK	STAINLESS STEEL
M-40	2	HOZE NOZZLE O-RING	NBR
M-41	2	HOSE NOZZLE	BRONZE
M-42	2	HOSE NOZZLE GASKET	RUBBER
M-43	2	HOZE NOZZLE CAP	CAST IRON
M-44	1	CHAIN	ZINC PLATED STEEL
M-46	8	SAFETY FLANGE BOLTS & NUTS	ZINC PLATED STEEL
M-47	2	SAFETY FLANGE O-RINGS	NBR
M-48	1	BARREL UPPER FLANGE	DUCTILE IRON
M-49	2	SAFETY FLANGE	CAST IRON
M-50	1	BARREL	DUCTILE IRON PIPE
M-51	8	SHOE BOLTS & NUTS	ZINC PLATED STEEL
M-52	1	BARREL LOWER FLANGE	DUCTILE IRON
M-53	1	DRAIN RING O-RING	NBR
M-54	1	DRAIN RING	BRONZE
M-55			
M-57	1	SHOE	DUCTILE IRON
M-58	1	THRUST NUT SETSCREW	STAINLESS STEEL



**MEDALLION HYDRANT**  
**GENERAL DIMENSION LAYOUT**

**CLOW VALVE COMPANY**

**F-2545**



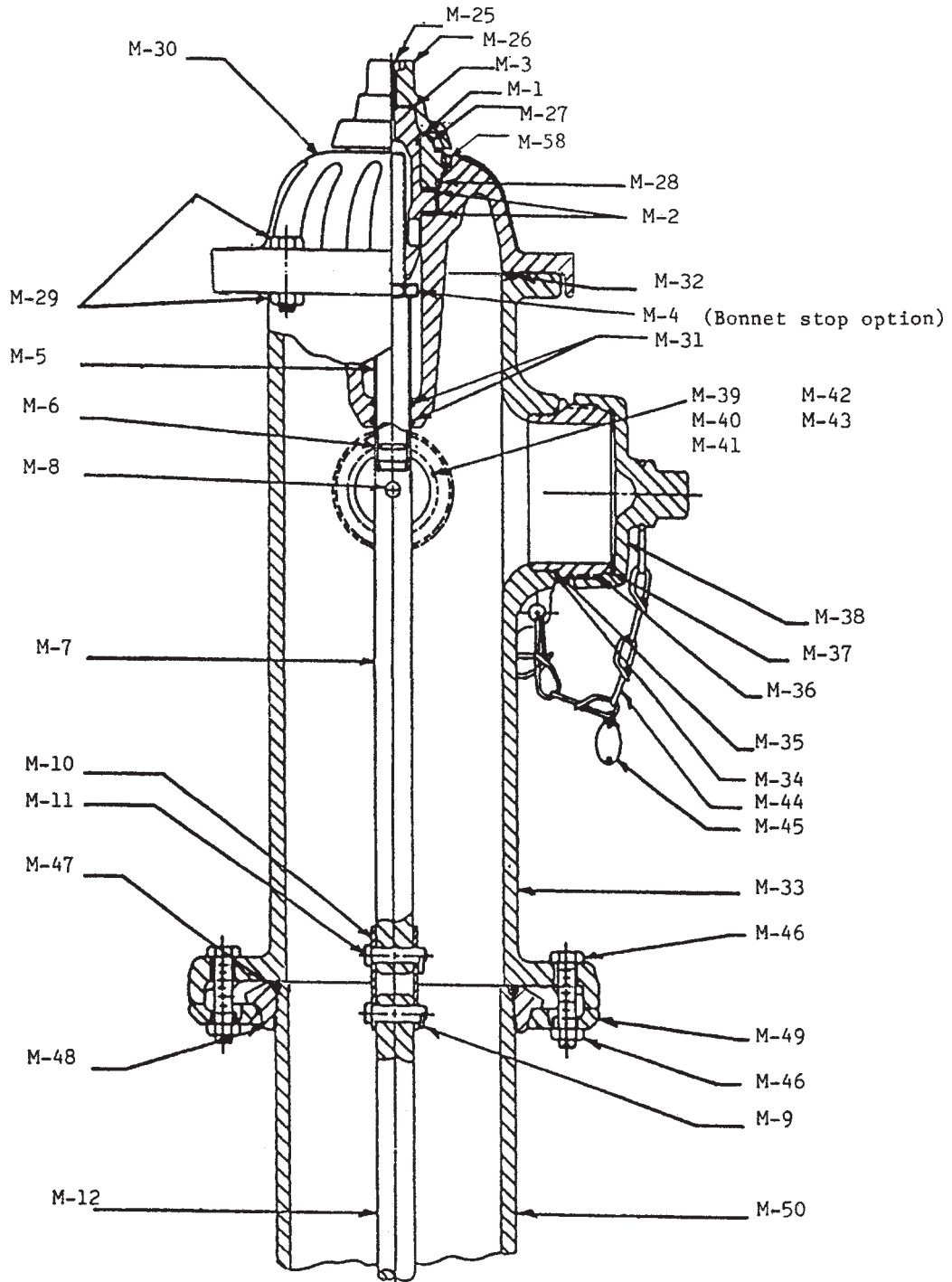
HYDRANT VALVE SIZE	D
4 1/2"	6.16 ± .14
5 1/4"	7.04 ± .14

END TYPE	A
Flange	8 1/8"
SMJ	9"
Tyton	9 5/8"

# MEDALLION HYDRANT ASSEMBLY

CLOW VALVE COMPANY

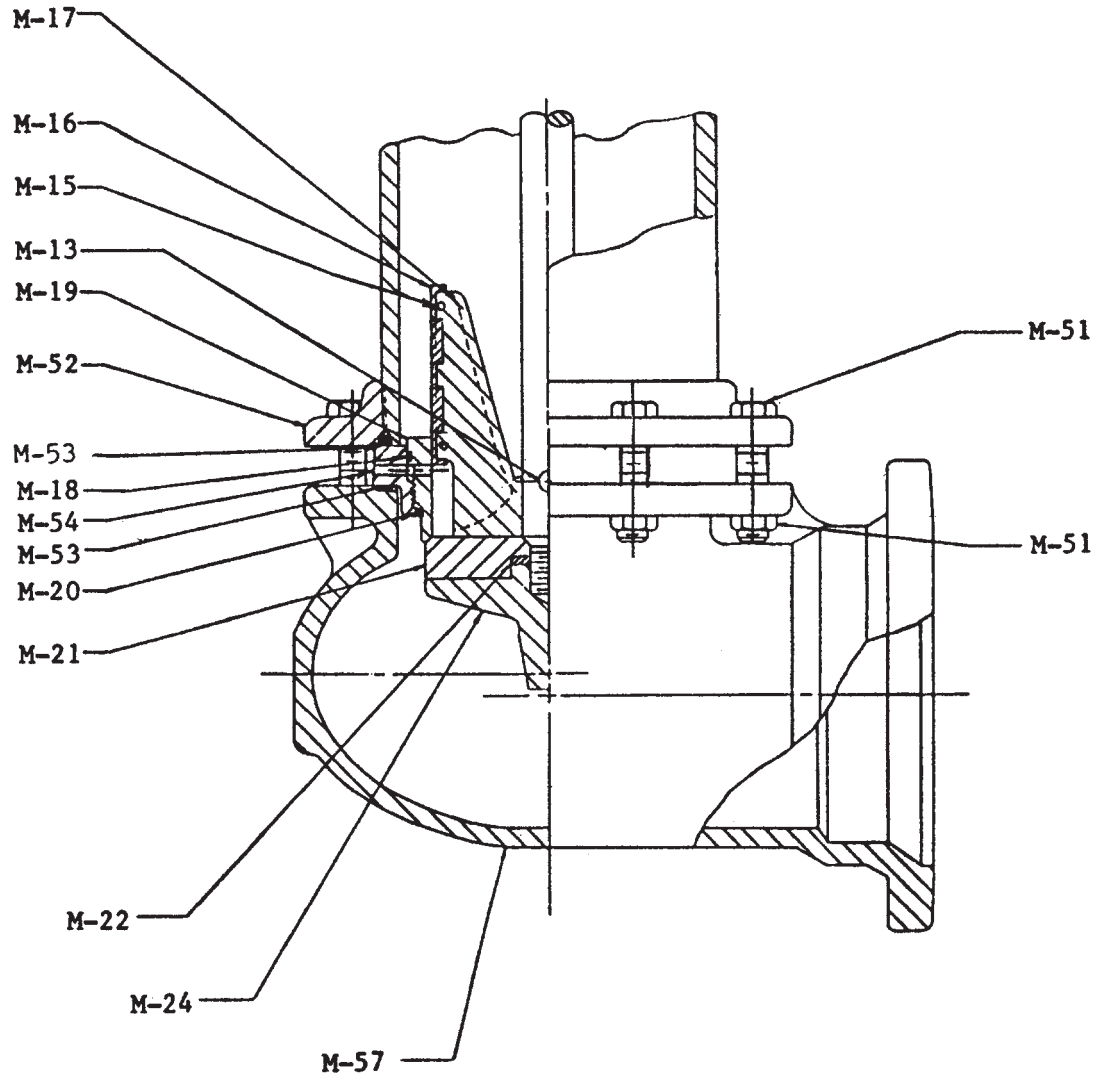
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MEDALLION HYDRANT  
ASSEMBLY

CLOW VALVE COMPANY

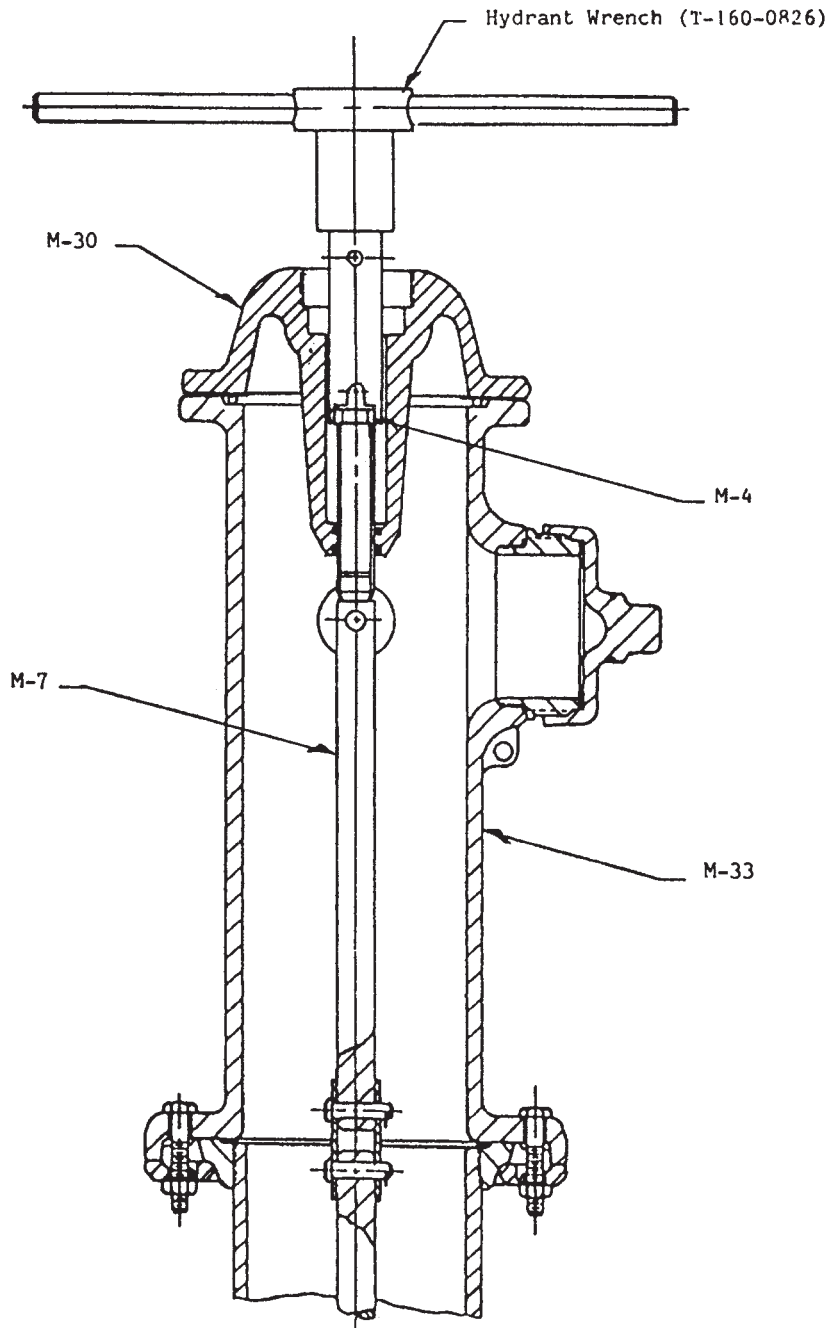
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MEDALLION HYDRANT  
MAIN VALVE SEAT REMOVAL  
HYDRANT WRENCH-BONNET STOP OPTION

**CLOW VALVE COMPANY**

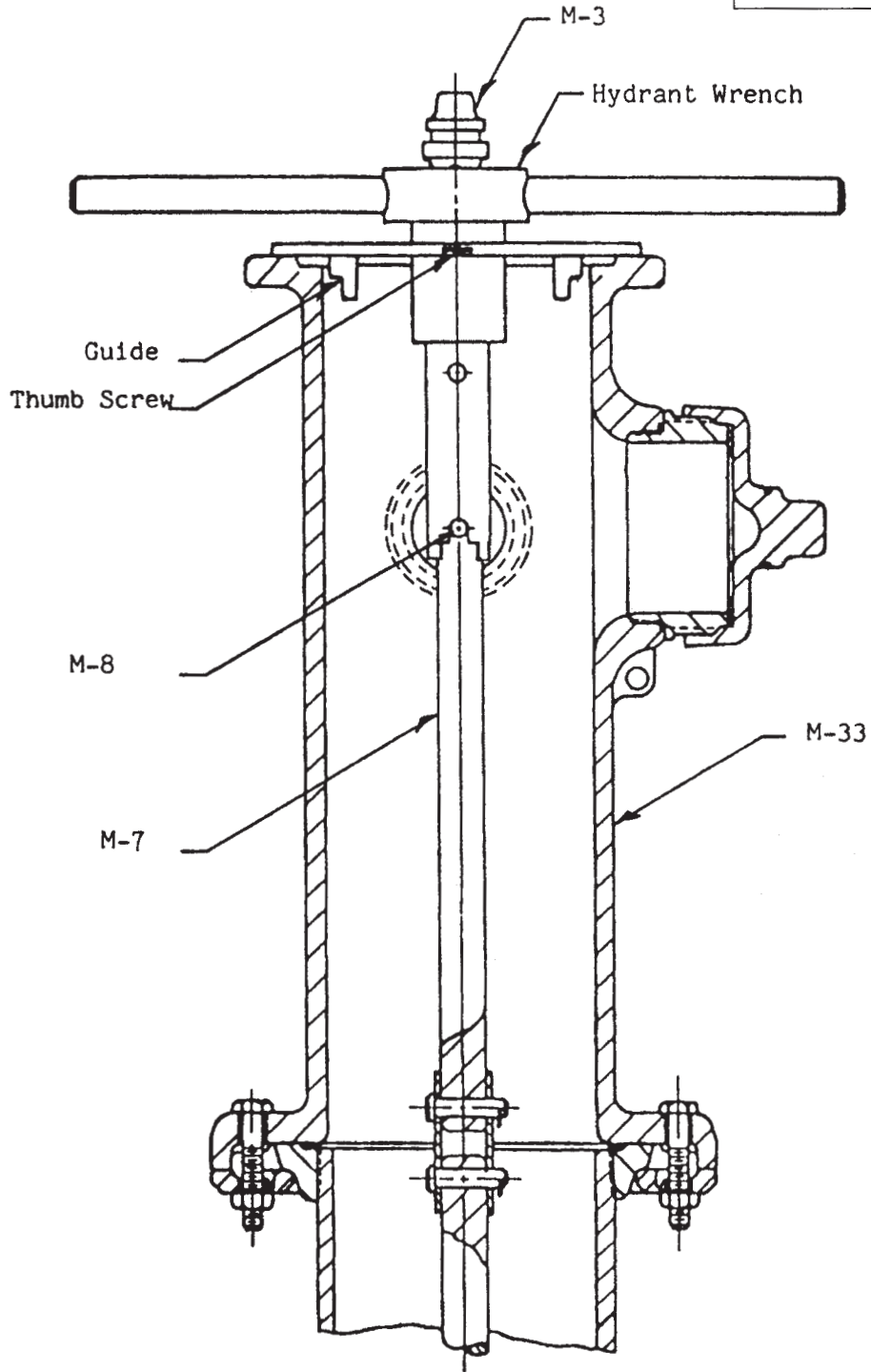
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MEDALLION HYDRANT  
MAIN VALVE SEAT REMOVAL  
HYDRANT WRENCH

**CLOW VALVE COMPANY**

F-2545



MEDALLION HYDRANT  
AWWA UL/FM  
SAMPLE SPECIFICATIONS

**CLOW VALVE COMPANY**

1. Fire Hydrant shall be manufactured in accordance with AWWA Standard C502, be listed by Underwriters Laboratories, Inc. and have Factory Mutual Research approval.
2. Fire Hydrant shall be designed for 250 psi working pressure and tested to 500 psi Hydrostatic pressure.
3. Fire Hydrant shall be backed by manufacturers 10-year limited warranty.
4. Fire Hydrant shall be dry-top center stem construction having an O-Ring sealed lubrication reservoir.
5. Fire Hydrant shall be manufactured with operating nut and thrust nut made of bronze, with bearings located both above and below the thrust collar and with operating nut protected by a cast-iron weather shield.
6. Fire Hydrant shall be manufactured with nozzles mechanically locked into the barrel coupling. Nozzle section must rotate 360 degrees.
7. Fire Hydrant shall be a "Traffic Model", complete with safety flanges and steel stem coupling. Nozzle section must rotate 360 degrees.
8. Fire Hydrant shall be manufactured with a main valve seat ring of bronze threaded into a bronze drain ring. A 360 degree drain channel shall have a minimum of two drain outlets.
9. Fire Hydrant shall have a bronze upper valve plate and two urethane rubber facings that activate the drain ports.
10. Fire Hydrant shall be manufactured with a lower valve plate that bottoms out in the shoe for maximum opening.
11. Fire Hydrant shall be manufactured with a minimum main valve opening of 4½ or 5¼ inches.
12. Fire Hydrant shall be the CLOW MEDALLION as manufactured by the Clow Valve Company or approved equal.