



**CONDEX**

## Manhole Ladders

All ladders are manufactured of steel. The rungs pass through the side rails and are riveted or welded. The unique design assures a rung cannot turn.

**FYI**  
Ladders are 300 lb. (136 kg) rated.

### Features:

- 5/8" (16 mm) diameter knurled rungs on 12" (305 mm) centers
- 12" (305 mm) clear between side rails
- 3/8 x 1 1/2" (10 x 38 mm) side rails, through 12' (3.7 m) lengths
- 3/8 x 2 1/2" (10 x 64 mm) side rails, 13' (4.0 m) length and above
- Twisted hook is integral part of side rail
- Approx. weight is 5 lbs. (2.3 kg) per foot of length, through 12' (3.7 m)
- Approx. weight is 7.6 lbs. (3.4 kg) per foot of length, over 12' (3.7 m)

Part Number	Description
08381955	Manhole Ladder, 5.5' (1.7 m) long
08381900	Manhole Ladder, 6.5' (2.0 m) long
08382000	Manhole Ladder, 7.0' (2.1 m) long
08382100	Manhole Ladder, 8.0' (2.4 m) long
08382200	Manhole Ladder, 9.0' (2.7 m) long
08382300	Manhole Ladder, 10.0' (3.0 m) long
08382400	Manhole Ladder, 11.0' (3.4 m) long
08382500	Manhole Ladder, 12.0' (3.7 m) long
08382600	Manhole Ladder, 13.0' (4.0 m) long
08382700	Manhole Ladder, 14.0' (4.3 m) long
08382800	Manhole Ladder, 15.0' (4.6 m) long
08382900	Manhole Ladder, 16.0' (4.9 m) long
08384100	Manhole Ladder, 18.0' (5.5 m) long
08384200	Manhole Ladder, 20.0' (6.1 m) long
08384000	Manhole Ladder, 22.0' (6.7 m) long



## Manhole Ladders—Wall Mount

All ladders are manufactured of steel. The rungs pass through the side rails and are riveted or welded.

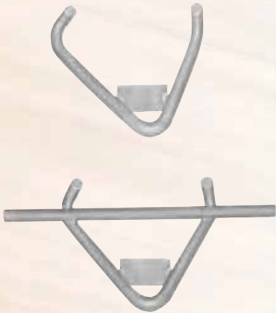
### Features:

- 5/8" (16 mm) diameter deformed rungs on 12" (305 mm) centers
- 14" (356 mm) clear between side rails
- 2 x 1 x 1/8" (51 x 25 x 3 mm) channel side rails
- Furnished with 4 unattached floor/ceiling brackets - 7" (178 mm) offset standard
- Wall mounting brackets may be used
- Approx. weight is 5.5 lbs. (2.5 kg) per foot of length

Part Number	Description
08381901	Manhole Ladder, wall mount, 6.5' (2.0 m) long
08382001	Manhole Ladder, wall mount, 7.0' (2.1 m) long
08382101	Manhole Ladder, wall mount, 8.0' (2.4 m) long
08382201	Manhole Ladder, wall mount, 9.0' (2.7 m) long
08382301	Manhole Ladder, wall mount, 10.0' (3.0 m) long
08382401	Manhole Ladder, wall mount, 11.0' (3.4 m) long
08382501	Manhole Ladder, wall mount, 12.0' (3.7 m) long
08382601	Manhole Ladder, wall mount, 13.0' (4.0 m) long
08382701	Manhole Ladder, wall mount, 14.0' (4.3 m) long
08382801	Manhole Ladder, wall mount, 15.0' (4.6 m) long
08382901	Manhole Ladder, wall mount, 16.0' (4.9 m) long
08384101	Manhole Ladder, wall mount, 18.0' (5.5 m) long
08384201	Manhole Ladder, wall mount, 20.0' (6.1 m) long
08384001	Manhole Ladder, wall mount, 22.0' (6.7 m) long

### Optional Floor/Ceiling Brackets

Part Number	Description
08382902	7" (178 mm) offset
08382904	12" (305 mm) offset
08382906	16" (406 mm) offset



## Pulling-In Irons

Set into the walls of the concrete manholes opposite all duct entrances to provide a strong, convenient attachment for pulling-in blocks when installing or removing cables. Manufactured with 7/8" (22 mm) diameter steel and hot dip galvanized.

Part Number	Description
08383000	9" (228 mm) w/retaining plate
08383001	9" (228 mm) w/cross bar & retaining plate
08383002	9" (228 mm) w/opposing bends
08381300	12" (305 mm) w/retaining plate
08381301	12" (305 mm) w/cross bar & retaining plate
08381302	12" (305 mm) w/opposing bends

## Mounting Hardware

Part Number	Description
02063303	Capscrew, 1/2-13 x 1.25", grade 5, hot galvanized
12008202	Capscrew, 1/2-13 x 1.50", grade 5, hot galvanized
12022003	Capscrew, 1/2-13 x 1.75", grade 2, hot galvanized
08384800	Capscrew, 1/2-13 x 2.00", grade 5, hot galvanized
02155703	Capscrew, 1/2-13 x 2.50", grade 2, hot galvanized
02010003	Lockwasher, 1/2", hot galvanized
12008303	Flatwasher, 1/2", hot galvanized
02125103	Hex Nut, 1/2-13, hot galvanized

## Expansion Anchor

For use in pre-drilled holes. Plug expands as anchor is driven into it making a solid hold in concrete.



Part Number	Description	Allowable Working Loads*			
		Tension		Shear	
(lbs)	(N)	(lbs)	(N)	(lbs)	(N)
08409900	3/4"-10 UNC Threads	4,010	17,836	4,400	19,571
08409901	5/8"-11 UNC Threads	2,420	10,764	3,050	13,566
08409902	1/2"-13 UNC Threads	1,690	7,517	1,560	6,939

\*NOTE: Allowable working loads are in 4000 psi concrete. Allowable shear loads are based on the use of SAE Grade 5 capscrews.

OTHER PRODUCTS