



DIN 14094

**Typical application:
Escape ladder or fire escape ladder
as a second escape route**

- › From an access height of 10,000 mm, the ladder shall be installed with an offset.
- › The maximum length of a ladder section must not exceed 10,000 mm.

Exemption:

- › If offsets are not possible for structural reasons, the ladder may also be designed longer than 10,000 mm in one single-section. In this case, the offset must be replaced with a resting platform.

Exit:

- › The gap between the access ladder and the exit level shall not be greater than 75 mm.
- › This is provided in the case of a standard wall distance between ladder and building of 210 mm by an exit step.

Fastening:

- › The standard wall mounting has a distance between the stile and the building of 210 mm.
- › Other fastening options are available, depending on the distance from the wall.
- › The distance between the individual fastening points shall not exceed 2,000 mm, they shall, however, preferably be mounted immediately beneath the rungs.

Ladder safety cage:

- › Distance from the lowest safety cage clamp to the floor: 2,200 mm to 3,000 mm.
- › Safety cage required from access height of 5,000 mm.



DIN 14094 Sample configurations

Building/access height to (m)	Number of ladder sections (pcs.)			Offset** at height (m)	Quantity wall mountings	Quantity of safety cage clamps*	Order no.
	1,960 mm	2,800 mm	3,640 mm				
	0051522	0053965	0053966				
up to 10 m, single-section (without ladder safety cage)							
2.68	1	–	–	–	6	–	318510
3.52	–	1	–	–	8	–	318513
4.64	2	–	–	–	8	–	318517
from an access height of 5 m (incl. ladder safety cage beginning at a maximum of 3 m above the ground)							
5.48	1	1	–	–	10	3+1	318520
6.60	3	–	–	–	10	4+1	318524
7.44	2	1	–	–	10	4+1	318527
8.28	1	2	–	–	12	5+1	318530
9.12	–	3	–	–	11	6+1	318533
9.96	–	2	1	–	14	6+1	318536
from an access height of 10 m, offset design (incl. ladder safety cage beginning at a maximum of 3 m above the ground)							
10.80	5	1	–	5.54	20	7+1	318548
12.20	–	5	–	6.10	20	9+1	318553
13.88	–	3	2	6.94	22	10+1	318559
15.56	–	1	4	7.78	24	11+1	318565
from an access height of 16 m, offset design (with additional resting platform)							
17.80	–	7	–	8.90	24	13+1	318573
19.48	1	3	3	9.74	28	14+1	318579

*) standard safety cage clamps (order no. 0051600) and a safety cage clamp for the narrow exit (order no. 0054051)

**) includes 1 fixed platform each (order no. 0051630) and 2 pcs. 3/4 clamps (order no. 0053981) with connection (order no. 0053332)

Included in scope of delivery:

- › Standard wall mountings (order no. 0050139)
- › Adequate ladder connections (order no. 0077209)
- › One narrow straight exit (order no. 0053291)
- › Exit step narrow (order no. 0054038)
- › Standard safety cage clamps (order no. 0051600)
- › One clamp fitting the narrow straight exit (order no. 0054038)
- › Safety cage braces to be cut to length (order no. 002342)
- › One pair of diagonal braces per ladder section (order no. 0053340)
- › From access height > 16 m one folding intermediate platform (order no. 0051635)

DIN 14094 Application examples

