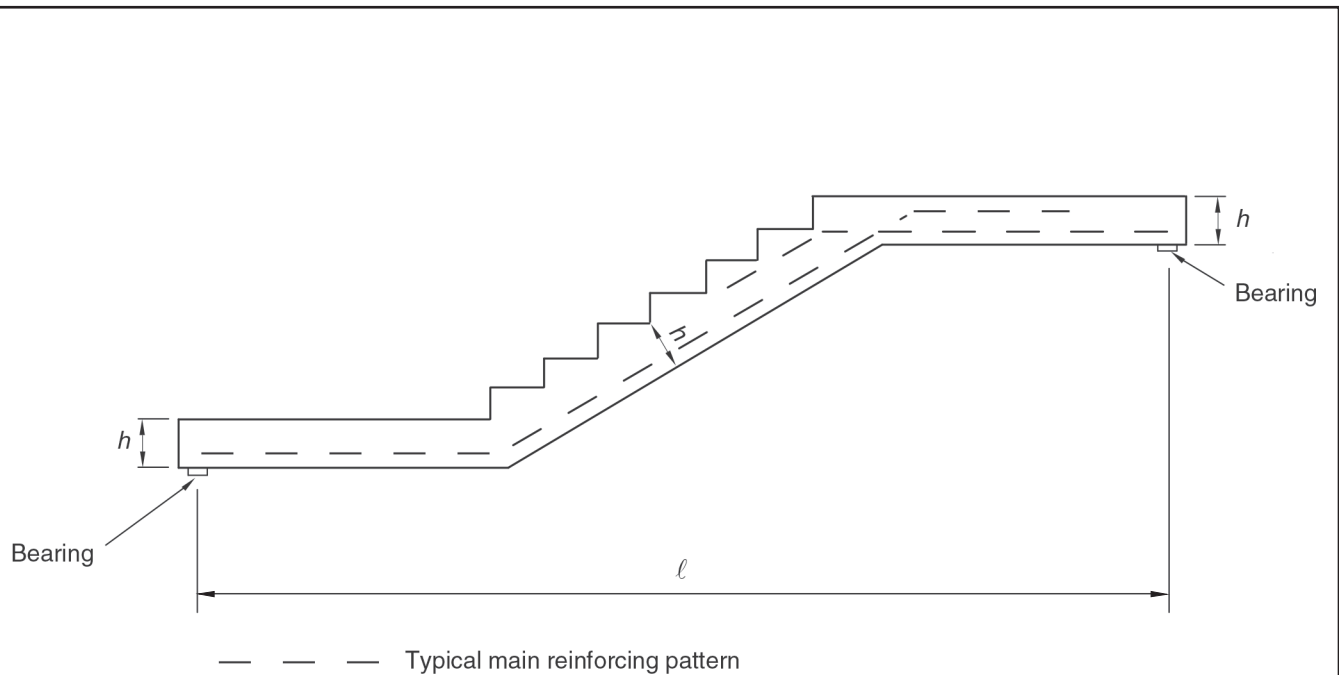


Design Aid 3.13.9. Recommended Maximum Spans for Precast Concrete Stairs

3



Thickness h , in.	Span l , ft
6	14
8	19
10	23
12	26

- Notes:
1. Stair reinforcing must be designed for all factored loads.
 2. Normalweight concrete.
 3. Recommended maximum span l is based on dead weight of stair plus 100 lb/ft² live load.
 4. Minimum concrete 28-day compressive strength is 5000 psi.
 5. See ACI 318-14 Section 24.2.2 for control of deflections. Top steel may be required to control deflections.
 6. Longer spans can be obtained with higher concrete strength or special reinforcing.