

CHAPTER 3 BUILDING BLOCKS

**SECTION 304
TURNING SPACE**

304.1 General.

A turning space shall comply with [Section 304](#).

304.2 Floor Surface.

Floor surfaces of a turning space shall comply with [Section 302](#). Changes in level shall not be permitted within the turning space.

Exception: Slopes not steeper than 1:48 shall be permitted.

304.3 Size.

Turning spaces shall comply with [Section 304.3.1](#) or [304.3.2](#).

304.3.1 Circular Space.

304.3.1.1 New Buildings and Facilities.

In new buildings and facilities, the turning space shall be a circular space with a 67-inch (1700 mm) minimum diameter.

304.3.1.1.1 Overlap.

Turning spaces shall be permitted to include knee and toe clearance complying with [Section 306](#). Where the turning space includes knee and toe clearances under an obstruction, the overlap shall comply with all of the following:

1. The depth of the overlap shall not be more than 10 inches (255 mm), and
2. The depth shall not exceed the depth of the knee and toe clearances provided, and
3. The overlap shall be permitted only within the turning circle area shown shaded in Figure 304.3.1.

304.3.1.2 Existing buildings and facilities.

In existing buildings and facilities, the turning space shall be a circular space with a 60-inch (1525 mm) minimum diameter.

304.3.1.2.1 Overlap.

Turning spaces shall be permitted to include knee and toe clearance complying with [Section 306](#).

304.3.2 T-Shaped Space.

304.3.2.1 New Buildings and Facilities.

In new buildings and facilities, the turning space shall be a T-shaped space complying with one of the following:

1. A T-shaped space, clear of obstruction, that fits within an area 68 inches (1725 mm) wide and 60 inches (1525 mm) deep, with two arms and one base that are all 36 inches (915 mm) minimum in width. Each arm shall extend 16 inches (405 mm) minimum from each side of the base located opposite the other, and the base shall extend 24 inches (610 mm) minimum from the arms. At the intersection of each arm and the base, the interior corners shall be chamfered for 8 inches (205 mm) minimum along both the arm and along the base.
2. A T-shaped space, clear of obstruction, that fits within an area 64 inches (1625 mm) wide and 60 inches (1525 mm) deep, with two arms 38 inches (965 mm) minimum in width and a base 42 inches (1065 mm) minimum in width. Each arm shall extend 11 inches (280 mm) minimum from each side of the base, located opposite the other, and the base shall extend 22 inches (560 mm) minimum from each arm.
3. A T-shaped space, clear of obstruction, 64 inches (1625 mm) wide and 60 inches (1525 mm) deep, with two arms and one base 40 inches (1015 mm) minimum in width. Each arm shall extend 12 inches (305 mm) minimum from each side of the base and the base shall extend 20 inches (510 mm) minimum from each arm.

304.3.2.1.1 Overlap.

Turning spaces shall be permitted to include knee and toe clearance complying with [Section 306](#) of either the base or one arm. For Option 1, the base or arm is the portion beyond the chamfer.

304.3.2.2 Existing Buildings and Facilities.

In existing buildings and facilities, the turning space shall be a T-shaped space within a 60-inch (1525 mm) minimum square, with arms and base 36 inches (915 mm) minimum in width. Each arm of the T shall be clear of obstructions 12 inches (305 mm) minimum in each direction, and the base shall be clear of obstructions 24 inches (610 mm) minimum.

304.3.2.2.1 Overlap.

Turning spaces shall be permitted to include knee and toe clearance complying with [Section 306](#) only at the end of either the base or one arm.

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304.4 Door Swing.

Unless otherwise specified, doors shall be permitted to swing into turning spaces.