



Anchor Heights					
H (in.)	12	15	18	21	24
OD (in.)	4	4	4	4	4 ½
t (in.)	3 ½	4	4 ½	5	5 ¾

#### Minimum Slab Thickness (t)



Composite Slab

Formed Slab

min compressive strength ( $f'_c$ ) = 3,000 psi

#### Connection Points



Carbon Steel Forged Loop



Stainless Steel Bent Loop



½" Stainless Steel Threaded Stud

#### Use & Compliance

Permanent anchorage for personal fall arrest, travel restraint, and façade/window-washing use, designed for a minimum 5,000 lb ultimate load per OSHA 1910/1926, ASME A120.1, and ANSI Z359.6.

#### Structural Reinforcement

Local effects from anchor applied loads shall be evaluated by the project structural EOR. If required, the design, supply and installation of local reinforcement is by others.

#### Determining Minimum Anchor Height

Confirm minimum roof flashing height required with architectural or roofing specifications. The overall distance from the top of concrete to the roof membrane plus the minimum flashing height required will equal the minimum roof anchor height. Custom anchor heights are available upon request.

#### Material Specifications

Round HSS	ASTM A500 Grade C	
Plate	ASTM A572 Grade 50	
Threaded Rod	ASTM A193 Grade B7	Hot-Dip Galvanized
Hex Nut	ASTM A563 Grade DH	(HDG)
Washers	ASTM F436 Type 1	
Channel	ASTM A36	

#### Custom Design

In addition to our standard portfolio, Diversified Fall Protection can design, qualify and furnish custom anchors to meet specific project and structural requirements; including stainless steel components, custom base plates, anchor heights, and stanchion material.

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