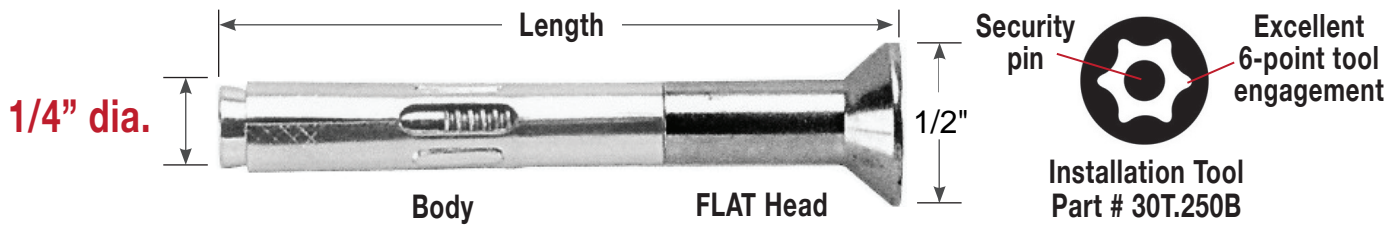


SECURITY SLEEVE ANCHOR ULTRA 6 LOBE (1/4" dia.)



FAST & EASY TO INSTALL IN CONCRETE, BRICK AND STONE-BASED MATERIALS



SIZE (DIA. x LENGTH) * inch	PART NUMBER Stainless Steel Head, Zinc Body	PART NUMBER Stainless Steel Head & Body
1/4 x 1-1/2	250.1500TFSZ	250.1500TFSS
1/4 x 2	250.200TFSZ	250.200TFSS
1/4 x 3	250.300TFSZ	250.300TFSS
1/4 x 4	250.400TFSZ	250.400TFSS

* Flat head anchor lengths are measured as overall length.

* To determine the minimum length of anchor required, add the thickness of the material to be fastened to the minimum embedment for the diameter of anchor being installed.

Installation

1. Drill a hole into the base material at least 1/4" deeper than the anchor length. Make the hole the same size as the anchor diameter (1/4" hole for 1/4" anchor).
2. Blow the hole clean using compressed air. Alternatively, drill the hole deep enough to accommodate embedment length and drilling dust.
3. Install the Ultra 6 Lobe security anchor through the fixture directly into the base material.
4. Tighten to required installation torque (see below).

IMPORTANT: Make sure the hole in the item being attached is slightly larger than the anchor diameter.

Allowable Tension and Shear Loads in Normal-Weight Concrete

SIZE inch	MIN. EMBED. DEPTH inch	CRITICAL EDGE DIST. inch	CRITICAL SPACING DIST. inch	TENSION LOAD						SHEAR LOAD			INSTALL. TORQUE ft. / lb.
				$f'_c \geq 2,000$ psi (13.8 mPa) CONCRETE			$f'_c \geq 4,000$ psi (27.6 mPa) CONCRETE			$f'_c \geq 2,000$ psi (13.8 mPa) CONCRETE			
				ULTIMATE lb.	STD. DEV. lb.	ALLOW lb.	ULTIMATE lb.	STD. DEV. lb.	ALLOW lb.	ULTIMATE lb.	STD. DEV. lb.	ALLOW lb.	
1/4	length + 1/4"	2-1/2	4-1/2	880	94	220	1,320	189	330	1,440	90	360	5

¹ The tabulated allowable loads are based on a safety factor of 4.0.

