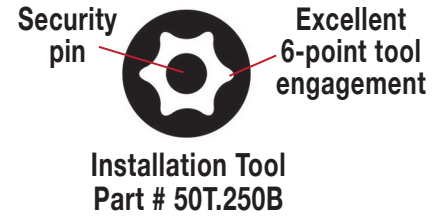
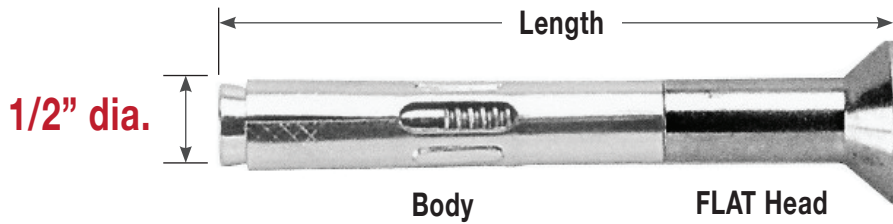


# SECURITY SLEEVE ANCHOR ULTRA 6 LOBE (1/2" dia.)



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
1/2 x 3-1/2	500.3500TFSZ	500.3500TFSS
1/2 x 4	500.400TFSZ	500.400TFSS
1/2 x 5-1/4	500.5250TFSZ	500.5250TFSS
1/2 x 7	500.700TFSZ	500.700TFSS

\* 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 1/2" deeper than the anchor length. Make the hole the same size as the anchor diameter (1/2" hole for 1/2" 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.	
1/2	length + 1/2"	5	9	3,160	254	790	4,760	485	1,190	5,000	473	1,250	25

<sup>1</sup> The tabulated allowable loads are based on a safety factor of 4.0.

