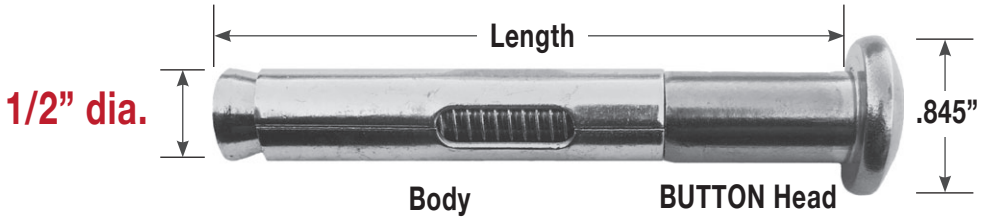
SECURITY SLEEVE ANCHOR
ULTRA 6 LOBE (1/2” dia.)

LOSS PREVENTION FASTENERS® div of Ultra Fasteners Inc

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 3-1/4	500.3250TBSZ	500.3250TBSS
1/2 x 4	500.400TBSZ	500.400TBSS
1/2 x 5	500.500TBSZ	500.500TBSS
1/2 x 7	500.700TBSZ	500.700TBSS

* Anchor lengths are measured from underneath the head.
* 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

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