

Sta-Lok Safety Systems

Product Information



GENERAL AVIATION

TIE-DOWNS & ANCHORS

FOR AIRPORTS & AIRFIELDS

LIGHT SINGLE ENGINE

LIGHT TWIN ENGINE

HELICOPTER

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STA-LOK SAFETY SYSTEMS

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Company

Sta-Lok Safety Systems, Inc. is a manufacturer of general aviation aircraft tie-downs and tie-down anchors that are designed for permanent installation at airports and airfields.

Products

We manufacture SLTD-3K and SLTD-4K chain tie downs. Our tie-down anchors are designed for installation in both paved concrete or bituminous/asphalt paved tie-down ramps and are typical of the designs detailed in FAA Advisory Circular #AC20-35C.

Questions? Quotes?

Please contact us at any time. We will gladly provide a written quote upon request.

Ordering

When ordering, a purchase order or purchase request is appreciated. Please note that due to the many variations in tie-down and anchor design, it is not possible for us to 'stock' a specific size, type, length, style, etc. We will fabricate the tie-downs or tie-down anchors to the model type, size, length, bend radii, and material type that you specify. For this reason, please allow as much lead time as possible to better ensure your order will be completed when you need it.

Orders are invoiced net 30 days upon shipping.

SLA-3 Tie-Down Anchors
1/2" Dia. x 28" H x 6" Leg
Hot dipped galvanized



Tie-Down Anchors

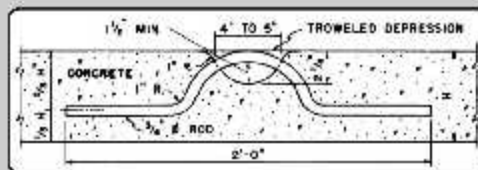
MODEL SLA-1 OPEN EYE FOR PAVED CONCRETE PARKING SURFACES



ASTM A-36 Steel
Eye 2 in. Radius
Foot 1 in. Radius
Height 4 in.
Length 24 in.
Hot Dip Galv.

Sta-Lok Safety Systems Model SLA-1 Open Eye Tie-Down Anchor is designed for paved concrete parking aprons and is typical of the design detailed in FAA Advisory Circular #20-35C [inset].

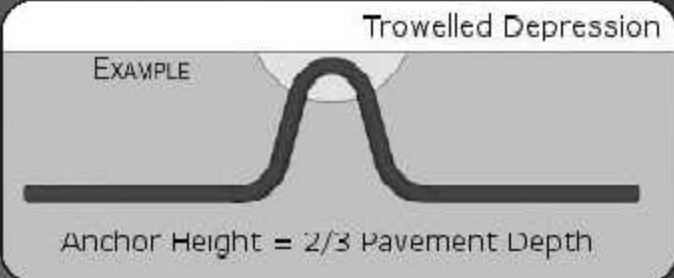
Eye Radius - 1 to 3 in. typical
Secondary Radius - 1 to 2 in typical
Height - 4 to 8 in. typical
Length - 24 to 36 in. typical



ASTM A-36 Steel
Eye 3 in. Radius
Foot 1 in. Radius
Height 6 in.
Length 36 in.
Hot Dip Galv.



PVC Concrete
Displacement Cup

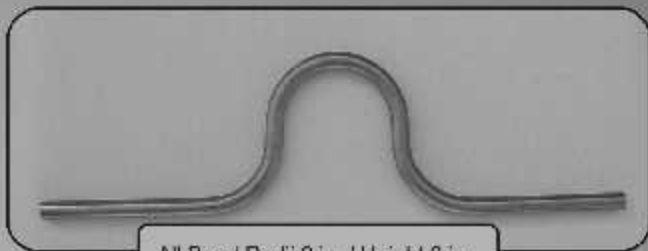


SPECIFICATIONS

MATERIAL: FABRICATED FROM ASTM A-36 CONTINUOUS ROUND 100% AMERICAN MFG. STEEL ROD.
AVAILABLE IN BAR DIAMETER OF 3/4 IN.
HOT DIPPED GALVANIZED TO ASTM STANDARD A-123.

DIMENSIONS: DIMENSIONS¹ SHOWN ARE TYPICAL. ANCHORS MAY BE BUILT TO THE SPECIFICATIONS SHOWN, A VARIATION OF THE SPECIFICATIONS SHOWN, OR TO YOUR SPECIFICATIONS IF POSSIBLE.

NOTE: DUE TO METAL 'SPRING-BACK' DURING FABRICATION, SLIGHT VARIATIONS IN THE FINISHED DIMENSIONS ARE POSSIBLE.



All Bend Radii 2 in. / Height 6 in.



Eye Radius 3 in. / Secondary Radii 1 in. / Height 4 in.

Tie-Down Anchors

MODEL SLA-2
FOR BITUMINOUS/HMAC OR SOFT FIELD
PARKING SURFACES



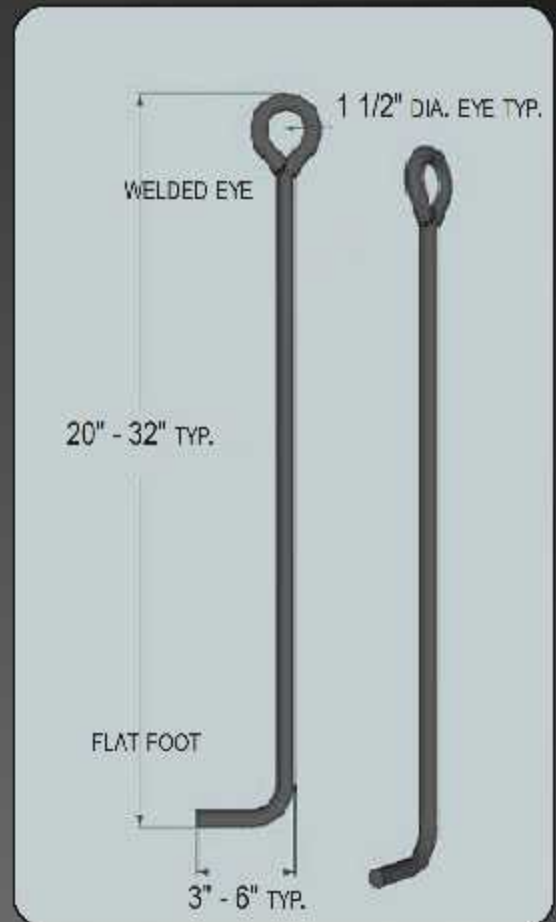
BARE A-36 STEEL
BEFORE GALVANIZING



WELDED
EYE



SHEPHERD'S
HOOK



SPECIFICATIONS

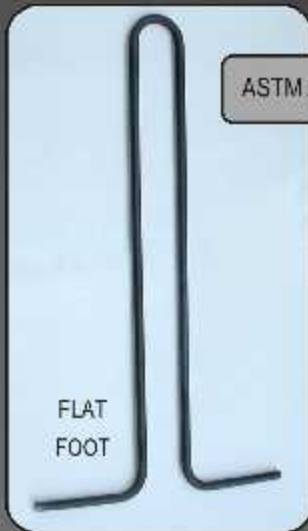
MATERIAL: FABRICATED FROM ASTM A-36 CONTINUOUS ROUND 100% AMERICAN MFG. STEEL ROD.
NOT CURRENTLY AVAILABLE IN OTHER MATERIAL TYPES.
AVAILABLE IN BAR DIAMETERS OF 1/2 IN., 5/8 IN., OR 3/4 IN.
HOT DIPPED GALVANIZED TO ASTM STANDARD A123.

DIMENSIONS: DIMENSIONS¹ SHOWN ARE TYPICAL. ANCHORS MAY BE BUILT TO THE SPECIFICATIONS SHOWN, A VARIATION OF THE SPECIFICATIONS SHOWN, OR TO YOUR SPECIFICATIONS IF POSSIBLE.

NOTE ¹: DUE TO METAL 'SPRING-BACK' DURING FABRICATION, SLIGHT VARIATIONS IN THE FINISHED DIMENSIONS ARE POSSIBLE.

Tie-Down Anchors

MODEL SLA-3
FOR BITUMINOUS/HMAC OR SOFT FIELD PARKING
SURFACES



ASTM A-36

18-28 IN. HEIGHT
TYPICAL



ASTMA-36

SHEPHERD'S
HOOK

SPECIFICATIONS

MATERIAL: FABRICATED FROM 100% AMERICAN MFG. ASTM A-36 CONTINUOUS ROUND STEEL ROD.
AVAILABLE IN BAR DIAMETERS OF 1/2 IN., 5/8 IN., OR 3/4 IN.
HOT DIPPED GALVANIZED TO ASTM STANDARD A123.

DIMENSIONS: DIMENSIONS¹ SHOWN ARE TYPICAL. ANCHORS WILL BE BUILT TO THE DESIGN SPECIFICATIONS FOR YOUR PROJECT.
NOTE ¹: DUE TO METAL 'SPRING-BACK' DURING FABRICATION, SLIGHT VARIATIONS IN THE FINISHED DIMENSIONS ARE POSSIBLE.



MODEL HL-30, HL-40, HL-48

Weld Less Ring

Available in 304 SS or A-36 hot dipped galvanized 30", 40", or 48" length. 3/4" diameter.

Tie-Downs

MODEL SLTD-3K FOR LIGHT SINGLE ENGINE AIRCRAFT
TENSION TESTED TO 3000 LBS.

MODEL SLTD-4K FOR ALL AIRCRAFT INCLUDING LIGHT TWIN ENGINE AIRCRAFT
TENSION TESTED TO 4000 LBS

SLTD-3K



SLTD-4K



PRIMARY S-HOOK
HEAT TREATED FOR STRENGTH
ZINC PLATED FOR CORROSION RESISTANCE
TENSION TESTED TO MEET FAA
RECOMMENDATIONS

DOMESTIC, PROOF COIL CHAIN
COMPLIES WITH NATIONAL ASSOC. OF CHAIN
MANUFACTURERS STANDARDS
HOT DIP GALVANIZED
TENSION TESTED TO MEET FAA RECOMMENDATIONS

SLACK HOOK
HEAT TREATED FOR STRENGTH
ZINC PLATED FOR CORROSION RESISTANCE
TENSION TESTED TO MEET FAA
RECOMMENDATIONS

ATTACH HARDWARE IS INCLUDED
GRADE 8 BOLT & NUT W/TWO FLAT
WASHERS
ATTACH HARDWARE IS ZINC PLATED FOR
CORROSION RESISTANCE



FOR CABLE BASED TIE-DOWN RAMPS WE
CAN INSTALL DROP FORGED,
GALVANIZED CABLE CLAMPS IN LIEU OF
THE BOLT/NUT ATTACH HARDWARE.

Sta-Lok Safety Systems

Since 1976 Sta-Lok Safety Systems have provided tie-down products to hundreds of airports. Here are but a few:

Lakes of the North Airport (MI)
Oxford Municipal Airport (KS)
Chan Gurney Municipal Airport (SD)
Carson City Airport (NV)
Camarillo Airport (CA)
Delano Municipal Airport (CA)
Defuniak Springs Airport (FL)
Chiloquin State Airport (OR)
Port of Moses Lake (WA)
Redmond Municipal (OR)
Newport State (RI)
Merced Regional (CA)
Minden-Tahoe Airport (NV)
St. Mary's Co. (MD)
Blake Field (CO)
French Valley Airport (CA)
Port of Shelton-Sanderson Field (WA)
US Border Patrol Clint (TX)
Florence Municipal Airport (OR)
Tri-Cities Airport Pasco (WA)
US Border Patrol Lordsburg (NM)
Orcas Island Airport (WA)
Ashland Municipal Airport (OR)
Mahlon Sweet Airport (OR)

HG Ltd. FBO at Concord (CA)
Buchanan Field Airport (CA)
Portland-Hillsboro Airport (OR)
Bakersfield Municipal Airport (CA)
Portland-Troutdale Airport (OR)
Camarillo Airport (CA)
Santa Ynez Airport (CA)
Brookings Airport (OR)
Sacramento Executive Airport (CA)
Oceano County Airport (CA)
Gross Field Airport (CA)
Christmas Valley Airport (OR)
Cameron Park Airport (CA)
Fresno-Chandler Exec. Airport (CA)
Siskiyou County Airport (CA)
Snohomish Co. Paine Field (WA)
Warsaw Municipal Airport (IN)
Half Moon Bay Airport (CA)
Ontario Municipal Airport (OR)
Lincoln Regional Airport (CA)
Boonville Airport (CA)
Santa Monica Municipal Airport (CA)
Byron Airport (CA)



Florence, OR Municipal Airport Apron Expansion 2011
Sta-Lok Safety Systems Model SLA-2 Tie-Down Anchors
and Model SLTD-3K Tie-Downs were installed.