



Specifications, Listings and Approvals

Material: Zamac Alloy

Federal Specifications: GSA FFS-325C, Group 2, Type 1, Class 1 (long), Class, 2C (short)

Lag Screw Shields

Key Features/Benefits

- Rustproof
- Suitable for masonry and masonry joints
- Longer lengths add joint strength in softer materials

Order Information and Performance Data

Cat. No.	Description	For Bolt Size (in.)	Drill Dia. (in.)	Quantity		Allowable Tension Load 2000 psi (lb.)
				Box	Carton	
LSS14	Short	1/4 x 1	1/2	50	1000	75
LSS56	Short	5/16 x 1-1/4	1/2	50	1000	105
LSS38	Short	3/8 x 1-3/4	5/8	50	500	230
LSS12	Short	1/2 x 2	3/4	25	250	250
LSS58	Short	5/8 x 2	7/8	25	250	430
LSL14	Long	1/4 x 1-1/2	1/2	50	1000	120
LSL56	Long	5/16 x 1-3/4	1/2	50	1000	155
LSL38	Long	3/8 x 2-1/2	5/8	50	500	255
LSL12	Long	1/2 x 3	3/4	25	250	300
LSL58	Long	5/8 x 3-1/2	7/8	25	200	850

* Allowable load capabilities listed are based on a 4 to 1 safety factor.



Specifications, Listings and Approvals

Materials

- Cone: Die Cast Zamac Alloy
- Expander: 3-5% Antimonial Lead

Federal Specifications: A-A 1922A, Type 1 and FFS-325C, Group 1, Type 1, Class 1

Machine Screw Anchors

Key Features/Benefits

- Closed bottom
- Setting tool provided in each box of anchors
- Fits into irregular holes
- Rustproof

Order Information and Performance Data

Catalog No.	Anchor Size (in.)	Drill Dia. (in.)	For Bolt Size (in.)	Quantity		Max. Tightening Torque (ft-lb.)
				Box	Carton	
MS14	1/4-20 x 7/8	1/2	1/4	100	2000	5
MS56	5/16-18 x 1	5/8	5/16	50	1000	7
MS38	3/8-16 x 1-1/4	3/4	3/8	50	500	10

Installation Instructions

1. Drill the hole equal to the nominal diameter of the anchor. To assure full holding power, do not ream the hole or allow the drill to wobble.
2. Drill the hole deeper than the intended embedment, but not closer than two diameters to the bottom (opposite) surface of the concrete.
3. Clean the hole with a nylon brush and compressed air.
4. Insert anchor into the hole.
5. Using setting tool, drive expander shield over cone.
6. Position fixture, insert fastener and tighten.

NOTE: Always wear safety glasses. Follow drill manufacturer's instructions. Use only solid carbide-tipped drill bits meeting ANSI B212.15 diameter standards.