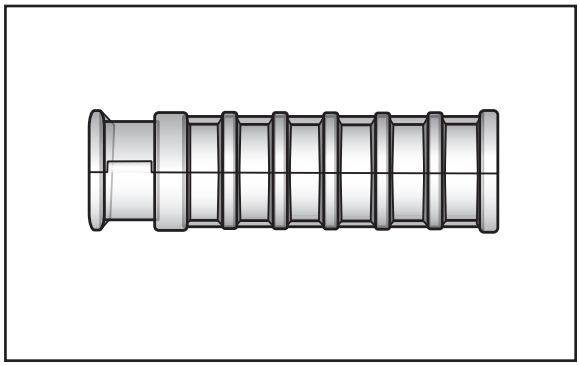
LAG SHIELDS

DESCRIPTION

Screw type expansion anchor cast from rust proof zamac alloy. The lag shield is ideally suited for base materials of questionable integrity. The lag shield consists of die cast sleeves with formed internal threads and designed for use with lag bolts. Lag shields offer significant expansion, and well suited for fastening applications in old masonry structures.



TYPICAL APPLICATIONS

- Ornamental iron rails
- Light duty shelving
- Residential sill and deck plates
- Precast step mounts
- Park benches

TENSILE AND SHEAR DATA FOR LAG SHIELDS

Following were obtained by using holes drilled in 2000-4000 psi, unreinforced concrete.

Part Number	SIZE	TENSILE	SHEAR
LAS 14	1/4 S	1,450 lbs.	1,850 lbs
LAS 516	5/16 S	1,500 lbs.	2,500 lbs.
LAS 38	3/8 S	1,600 lbs.	5,500 lbs.
LAS 12	1/2 S	2,000 lbs.	8,000 lbs.
LAL 14	1/4 L	1,600 lbs.	1,850 lbs.
LAL 516	5/16 L	1,700 lbs.	2,500 lbs.
LAL 38	3/8 L	1,860 lbs.	5,600 lbs.
LAL 12	1/2 L	2,770 lbs.	8,000 lbs.

MATERIAL SPECIFICATIONS

BODY: Z50 A - ZAMAC 5

Physical Properties

Density: 66430 (6.6 x 10^4) kg/m^3

Melting Point: 380/386°C

Coef. of Thermal Expansion: 27.4mm/mm x°C

Thermal Conductivity: 27