



## Product Description

A Lag Screw shield can be used in all types of masonry, and it is corrosion resistant. It is internally threaded and installs flush to the surface. Available sizes are from 1/4" to 1/2" short and long

## Features & Benefits

- ▶ Internal thread installs flush to surface
- ▶ Type: Zinc aluminum alloy
- ▶ Sizes available: From 1/4" to 1/2" short and long
- ▶ Corrosion resistant

## Perfect for:



Awnings , Ornamental fixtures, railings, signs etc...

## Packaging:



## Lag Shield



## Product sizes & Materials

Zinc

- 1/4" S
- 1/4" L
- 5/16" S
- 5/16" L
- 3/8" S
- 3/8" L
- 1/2" S
- 1/2" L

## Suitable Base Materials

- ▶ Brick
- ▶ Hollow Block
- ▶ Concrete





## Lag Shield



### Load Capacities

Material	Size	Material	Drill Size	PULL MAX lbs	PULL SAFE lbs	SHEAR MAX lbs	SHEAR SAFE lbs	PULL MAX kg	PULL SAFE kg	SHEAR MAX kg	SHEAR SAFE kg
Concrete 3000 PSI	1/4" S	Zinc	1/2"	220	55	880	220	100	25	399	100
	1/4" L	Zinc	1/2"	435	109	880	220	197	49	399	100
	5/16" S	Zinc	1/2"	370	93	1105	276	168	42	501	125
	5/16" L	Zinc	1/2"	535	134	1105	276	243	61	501	125
	3/8" S	Zinc	5/8"	845	211	1305	326	383	96	592	148
	3/8" L	Zinc	5/8"	1060	265	1305	326	481	120	592	148
	1/2" S	Zinc	3/4"	1145	286	1780	445	519	130	807	202
1/2" L	Zinc	3/4"	2085	521	1780	445	946	236	807	202	

Material	Size	Material	Drill Size	PULL MAX lbs	PULL SAFE lbs	SHEAR MAX lbs	SHEAR SAFE lbs	PULL MAX kg	PULL SAFE kg	SHEAR MAX kg	SHEAR SAFE kg
Concrete 4000 PSI	1/4" S	Zinc	1/2"	315	79	1025	256	143	36	465	116
	1/4" L	Zinc	1/2"	635	159	1025	256	288	72	465	116
	5/16" S	Zinc	1/2"	600	150	1485	371	272	68	674	168
	5/16" L	Zinc	1/2"	785	196	1485	371	356	89	674	168
	3/8" S	Zinc	5/8"	1225	306	1620	405	556	139	735	184
	3/8" L	Zinc	5/8"	1545	386	1620	405	701	175	735	184
	1/2" S	Zinc	3/4"	1700	425	2140	535	771	193	971	243
1/2" L	Zinc	3/4"	3015	754	2140	535	1368	342	971	243	

### Tools required



### Installation instructions

1. Drill an appropriate size hole into the installation surface.
2. Insert Lag Shield into hole.
3. Insert the screw through the object you need to affix and insert them into the Lag Shield.
4. Using a wrench, turn clockwise until there is a firm resistance.

