



Expansion Sleeve Anchor

Load Capacity - Ceiling Mounted/Concrete

192 kg	273 kg	532 kg	667 kg
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Load Capacity - Wall Mounted/Concrete

227 kg	341 kg	587 kg	1 143 kg
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Compatible Materials

Concrete / Block	Concrete / Block / Brick
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Diameter

5/16 in	3/8 in	1/2 in	5/8 in
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Drill Bit

1/8 in	5/16 in	3/8 in	1/2 in	5/8 in
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Bolt Size

1/4 in	5/16 in	3/8 in	1/2 in
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Finish

Stainless Steel	Zinc
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Length

1 1/2 in	1 7/8 in	2 1/4 in	2 1/2 in	3 in
4 in	4 1/4 in	6 in		

Minimum Embedment

1-1/2"	1-7/8"	2-1/4"
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Shear Point

1,560 lb*	10,090 lb	2,007 lb	2,580 lb*	3,015 lb
4,800 lb*	5,180 lb	7,820 lb*		

Material

Stainless Steel 18/8	Steel
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Tensile

1,698 lb*	1,980 lb*	2,410 lb*	3,120 lb*	4,695 lb*
4,800 lb*	4,880 lb*	5,885 lb*	6,600 lb*	

Packaging format

Blister of 2 units	Blister of 4 units	Box of 10	Box of 12	Box of 15
		Box of 15	Box of 20	Box of 25
Box of 50	Box of 130	Box of 150	Box of 200	Box of 250
Box of 350	Box of 700			

DESCRIPTION

These anchor sleeves for heavy-duty applications can be used in a variety of base materials, including concrete, brick, and block.

AVAILABLE PRODUCTS

Product #	Load Capacity - Ceiling Mounted/Concrete	Load Capacity - Wall Mounted/Concrete	Compatible Materials	Diameter	Drill Bit	Bolt Size	Finish	Length	Minimum Embedment	Shear Point	Material	Tensile	Packaging format
SA516112J	192 kg	227 kg	Concrete / Block	5/16 in	5/16 in	1/4 in	Zinc	1 1/2 in	1-1/2"	2,007 lb	Steel	1,698 lb*	Box of 50
SA516212J	192 kg	227 kg	Concrete / Block	5/16 in	5/16 in	1/4 in	Zinc	2 1/2 in	1-1/2"	2,007 lb	Steel	1,698 lb*	Box of 50
SA516112MK	192 kg	227 kg	Concrete / Block / Brick	5/16 in	5/16 in	1/4 in	Zinc	1 1/2 in	1-1/2"	1,560 lb*	Steel	1,980 lb*	Blister of 4 units
SA516112VA	192 kg	227 kg	Concrete / Block / Brick	5/16 in	5/16 in	1/4 in	Zinc	1 1/2 in	1-1/2"	1,560 lb*	Steel	1,980 lb*	Box of 20
SA516212MK	192 kg	227 kg	Concrete / Block / Brick	5/16 in	5/16 in	1/4 in	Zinc	2 1/2 in	1-1/2"	1,560 lb*	Steel	1,980 lb*	Blister of 4 units
SA516212VA	192 kg	227 kg	Concrete / Block / Brick	5/16 in	5/16 in	1/4 in	Zinc	2 1/2 in	1-1/2"	1,560 lb*	Steel	1,980 lb*	Box of 20
SA38178J	273 kg	341 kg	Concrete / Block	3/8 in	3/8 in	5/16 in	Zinc	1 7/8 in	1-7/8"	3,015 lb	Steel	2,410 lb*	Box of 25
SA38178	273 kg	341 kg	Concrete / Block	3/8 in	3/8 in	5/16 in	Zinc	1 7/8 in	1-7/8"	3,015 lb	Steel	2,410 lb*	Box of 700
SA383J	273 kg	341 kg	Concrete / Block	3/8 in	3/8 in	5/16 in	Zinc	3 in	1-7/8"	3,015 lb	Steel	2,410 lb*	Box of 25
SA383	273 kg	341 kg	Concrete / Block	3/8 in	3/8 in	5/16 in	Zinc	3 in	1-7/8"	3,015 lb	Steel	2,410 lb*	Box of 350
SA38178MK	273 kg	341 kg	Concrete / Block / Brick	3/8 in	3/8 in	5/16 in	Zinc	1 7/8 in	1-7/8"	2,580 lb*	Steel	3,120 lb*	Blister of 2 units
SA38178VA	273 kg	341 kg	Concrete / Block / Brick	3/8 in	3/8 in	5/16 in	Zinc	1 7/8 in	1-7/8"	2,580 lb*	Steel	3,120 lb*	Box of 15
SA383MK	273 kg	341 kg	Concrete / Block / Brick	3/8 in	3/8 in	5/16 in	Zinc	3 in	1-7/8"	2,580 lb*	Steel	3,120 lb*	Blister of 2 units
SA383VA	273 kg	341 kg	Concrete / Block / Brick	3/8 in	3/8 in	5/16 in	Zinc	3 in	1-7/8"	2,580 lb*	Steel	3,120 lb*	Box of 12
SA384MK	273 kg	341 kg	Concrete / Block / Brick	3/8 in	3/8 in	5/16 in	Zinc	4 in	1-7/8"	2,580 lb*	Steel	3,120 lb*	Blister of 2 units
SA384VA	273 kg	341 kg	Concrete / Block / Brick	3/8 in	3/8 in	5/16 in	Zinc	4 in	1-7/8"	2,580 lb*	Steel	3,120 lb*	Box of 12
SAS123CT	532 kg	587 kg	Concrete / Block	1/2 in	1/8 in	3/8 in	Stainless Steel	3 in	2-1/4"	5,180 lb	Stainless Steel 18/8	4,695 lb*	Box of 25

Product #	Load Capacity - Ceiling Mounted/Concrete	Load Capacity - Wall Mounted/Concrete	Compatible Materials	Diameter	Drill Bit	Bolt Size	Finish	Length	Minimum Embedment	Shear Point	Material	Tensile	Packaging format
SAS126CT	532 kg	587 kg	Concrete / Block	1/2 in	1/2 in	3/8 in	Stainless Steel	6 in	2-1/4"	5,180 lb	Stainless Steel 18/8	4,695 lb*	Box of 15
SA12214J	532 kg	587 kg	Concrete / Block	1/2 in	1/2 in	3/8 in	Zinc	2 1/4 in	2-1/4"	5,180 lb	Steel	4,695 lb*	Box of 25
SA12214	532 kg	587 kg	Concrete / Block	1/2 in	1/2 in	3/8 in	Zinc	2 1/4 in	2-1/4"	5,180 lb	Steel	4,695 lb*	Box of 250
SA123J	532 kg	587 kg	Concrete / Block	1/2 in	1/2 in	3/8 in	Zinc	3 in	2-1/4"	5,180 lb	Steel	4,695 lb*	Box of 25
SA123	532 kg	587 kg	Concrete / Block	1/2 in	1/2 in	3/8 in	Zinc	3 in	2-1/4"	5,180 lb	Steel	4,695 lb*	Box of 200
SA124CT	532 kg	587 kg	Concrete / Block	1/2 in	1/2 in	3/8 in	Zinc	4 in	2-1/4"	5,180 lb	Steel	4,695 lb*	Box of 15
SA124J	532 kg	587 kg	Concrete / Block	1/2 in	1/2 in	3/8 in	Zinc	4 in	2-1/4"	5,180 lb	Steel	4,695 lb*	Box of 20
SA124	532 kg	587 kg	Concrete / Block	1/2 in	1/2 in	3/8 in	Zinc	4 in	2-1/4"	5,180 lb	Steel	4,695 lb*	Box of 200
SA126CT	532 kg	587 kg	Concrete / Block	1/2 in	1/2 in	3/8 in	Zinc	6 in	2-1/4"	5,180 lb	Steel	4,695 lb*	Box of 15
SA126J	532 kg	587 kg	Concrete / Block	1/2 in	1/2 in	3/8 in	Zinc	6 in	2-1/4"	5,180 lb	Steel	4,695 lb*	Box of 20
SA126	532 kg	587 kg	Concrete / Block	1/2 in	1/2 in	3/8 in	Zinc	6 in	2-1/4"	5,180 lb	Steel	4,695 lb*	Box of 150
SAS124CT	532 kg	587 kg	Concrete / Block	1/2 in	1/2 in	1/2 in	Stainless Steel	4 in	2-1/4"	5,180 lb	Stainless Steel 18/8	4,695 lb*	Box of 15
SA12214MK	532 kg	587 kg	Concrete / Block / Brick	1/2 in	1/2 in	3/8 in	Zinc	2 1/4 in	2-1/4"	4,800 lb*	Steel	4,880 lb*	Blister of 2 units
SA12214VA	532 kg	587 kg	Concrete / Block / Brick	1/2 in	1/2 in	3/8 in	Zinc	2 1/4 in	2-1/4"	4,800 lb*	Steel	4,880 lb*	Box of 10
SA123MK	532 kg	587 kg	Concrete / Block / Brick	1/2 in	1/2 in	3/8 in	Zinc	3 in	2-1/4"	4,800 lb*	Steel	4,880 lb*	Blister of 2 units
SA123VA	532 kg	587 kg	Concrete / Block / Brick	1/2 in	1/2 in	3/8 in	Zinc	3 in	2-1/4"	4,800 lb*	Steel	4,880 lb*	Box of 10
SA124VA	532 kg	587 kg	Concrete / Block / Brick	1/2 in	1/2 in	3/8 in	Zinc	4 in	2-1/4"	4,800 lb*	Steel	4,800 lb*	Box of 10
SA124MK	532 kg	587 kg	Concrete / Block / Brick	1/2 in	1/2 in	3/8 in	Zinc	4 in	2-1/4"	4,800 lb*	Steel	4,880 lb*	Blister of 2 units
SA126MK	532 kg	587 kg	Concrete / Block / Brick	1/2 in	1/2 in	3/8 in	Zinc	6 in	2-1/4"	4,800 lb*	Steel	4,800 lb*	Blister of 2 units
SA58214J	667 kg	1 143 kg	Concrete / Block	5/8 in	5/8 in	1/2 in	Zinc	2 1/4 in	2-1/4"	10,090 lb	Steel	5,885 lb*	Box of 15
SA58414J	667 kg	1 143 kg	Concrete / Block	5/8 in	5/8 in	1/2 in	Zinc	4 1/4 in	2-1/4"	10,090 lb	Steel	5,885 lb*	Box of 10
SA58414	667 kg	1 143 kg	Concrete / Block	5/8 in	5/8 in	1/2 in	Zinc	4 1/4 in	2-1/4"	10,090 lb	Steel	5,885 lb*	Box of 130
SA586J	667 kg	1 143 kg	Concrete / Block	5/8 in	5/8 in	1/2 in	Zinc	6 in	2-1/4"	10,090 lb	Steel	5,885 lb*	Box of 10
SA58414MK	667 kg	1 143 kg	Concrete / Block / Brick	5/8 in	5/8 in	1/2 in	Zinc	4 1/4 in	2-1/4"	7,820 lb*	Steel	6,600 lb*	Blister of 2 units

TECHNICAL SPECIFICATIONS

Mounting Location	Wall, Ceiling
Brand	Reliable
Specific Application	Concrete, Glass Railing

IMPORTANT INFORMATION

* As a safety factor, industry standards recommend using 25% of the maximum load. Maximum load in 3000 PSI concrete.

PRODUCT PHOTOS

