

Submittal Sheet

Submittal Sheet #03090413Av

Pan Head Vector® Screws (216v)

Product:	Item#	Description	Unit Pack
	23V	7 x 7/16-in, Pan Head, Vector™ Point, Streaker®, Phosphate, Bulk	15,000
	23VZ	7 x 7/16-in, Pan Head, Vector™ Point, Streaker®, Zinc, Bulk	15,000

NOTE: Grabber screws with the item numbers ending in "A" are manufactured in the United States of America. Grabber American Made Screws are SPECIAL ORDER INVENTORY. CONTACT GRABBER FOR CURRENT PRICE AND AVAILABILITY.

Application:

Pan head fine thread fasteners designed for attaching 25-18 ga. steel. Unique grip-tight, high torque pan head design.

- Steel studs to track, 18 to 25 gauge
- Steel studs to door frame jamb anchor clips
- Other metal-to-metal applications where high torque is required • Sheet metal fabrication

Description:

GRABBER Pan Head Vector Screws are designed for use with light gauge steel (18-25 gauge). Choice of 15 or 20 Threads per Inch. Gray phosphate, clear zinc or GrabberGard® coatings. Hi-Torque head design.

Directions:

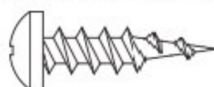
Use standard screw gun with depth sensitive nose piece. Suggested screw gun for optimum performance is 4 amps minimum and 0 to 4,000 rpm. Pan Head is completely seated when the head is against the work surface. Overdriving may result in failure of the fastener, the metal the fastener is attaching to or stripping of the head recess. Penetration of three thread pitches beyond the penetrated metal is minimum.

Certifications: All GRABBER® screw products are manufactured in facilities that are ISO 9001 certified. The fasteners comply with ASTM C1513 specifications and requirements. ©2012 GRABBER Construction Products, Inc. GRABBER®, STREAKER®, DRI-VALL®, LOX®, GRABBERGARD® and SCAVENGER® are registered trademarks of Grabber Construction Products, Inc.

Pan Head Vector®



Pan Head Fine Thread Streaker®



APPROVALS:

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JOB NAME

CONTRACTOR

DATE

TRADEMARKS:

The following trademark used herein is owned by Grabber Construction Products, Inc.: GRABBER.

NOTICE:

We shall not be liable for incidental and consequential damages, directly or indirectly sustained, nor for any loss caused by Submittal Sheet #03090413A

application of these goods not in accordance with current printed instruction or for other than the intended use. Our Liability is expressly limited to replacement of defective goods. Any claim shall be deemed waived unless made in writing to us within thirty (30) days of the date it was or reasonably should have been discovered.

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PRODUCT SPECIFICATIONS

Fastener Classification	Light Gauge Metal (18-25)
Fastener Head	Pan
Fastener Drive	#2 Phillips
Fastener Gauge	#7, #8
Fastener Point	Vector™
Fastener Package Type	Packaged Screws, Collated Screws (for automated feed systems)
Fastener Package Weight	Mini Pack, 1lb Box, 5 Pound, 5lb Box, Bulk Box
Fastener TPI	15, 15, 20
Fastener Coating	Black/Gray Phosphate, Gray Phosphate

STANDARD CORROSION TEST RESULTS

Finish	Test	Standard/Protocol	Results
Gray Phosphate	Salt Spray Results	ASTM B117	24 hours, no red rust
Yellow Zinc	Salt Spray Results	ASTM B117	48 hours, no red rust
Clear Zinc	Salt Spray Results	ASTM B117	24 hours, no red rust
Dacrotized	Salt Spray Results	ASTM B117	500 hours, no red rust
GrabberGard	Salt Spray Results	ASTM B117	1,000 hours, no red rust
GrabberGard	Kesternich Results	DIN 50018, 2.0L	15 cycles, no red rust
304 Stainless Steel	Salt Spray Results	ASTM B117	1000 hours, no red rust
316 Stainless Steel	Salt Spray Results	ASTM B117	1500 hours, no red rust

Grabber's approved mill keeps tight control over all production standards and processes. Grabber's mill is ISO 9001, ISO 14001 and ICC-ES certified compliant ensuring Grabber fasteners meet or exceed the highest industry standards.