326 ANO and 326 BR Grommets

- **Grommet Diameter**: For 7/32" (5.556mm) holes
- **Pin Diameter**: Designed for 5mm pin diameters
- **Finish**: Anochrome (ANO), Brass-look (BR)
- **Packed**: 1000 per bag

330 ANO and 330 STB Shelf Supports

- **Pin Diameter**: Designed for 5mm holes
- **Finish**: Anochrome (ANO), Statuary Bronze (STB)
- **Packed**: 2000 per bag

332 ANO and 332 BR Shelf Supports

- **Pin Diameter**: Designed for 5mm holes
- **Pin Length**: 5/16" (8mm)
- **Shelf Rest**: 5/16" (8mm) wide x 7/16" (11mm) long
- **Finish**: Anochrome (ANO), Brass-look (BR)
- **Packed**: 1000 per bag

338 Series Plastic Shelf Support Pins

- **Pin Diameter**: Designed for 5mm holes
- **Pin Length**: 5/16" (8mm)
- **Shelf Rest**: 7/16" (11mm) wide x 13/32" (10mm) long
- **Finish**: Almond (ALM), Brown (BRN), Clear Plastic (CL), White (WH)

339 WH Plastic Locking Shelf Support for 3/4" Shelves

- **Pin Diameter**: Designed for 5mm holes
- **Pin Length**: 1/4"
- **Finish**: White (WH)
- **Packed**: 100 per bag

340 WH Plastic Locking Shelf Supports for 1" Shelves

- **Pin Diameter**: Designed for 5mm holes
- **Pin Length**: 1/4"
- **Finish**: White (WH)
- **Packed**: 100 per bag

345 Series Metal Shelf Pins

- **Pin Diameter**: Designed for 5mm holes
- **Pin Length**: 5/16"
- **Shelf Rest**: 1/2" (13mm) wide x 11/16" (17mm) long
- **Finish**: Nickel Plated (NP), Brass-Look (BR), Walnut (WAL)

<table>
<thead>
<tr>
<th>Pack Configuration</th>
<th>Nickel Plated (NP)</th>
<th>Brass-Look (BR)</th>
<th>Walnut (WAL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Pack</td>
<td>345 NP</td>
<td>345 BR</td>
<td>345 WAL</td>
</tr>
<tr>
<td>Poly (P) Pack</td>
<td>345P NP</td>
<td>345P BR</td>
<td>345P WAL</td>
</tr>
</tbody>
</table>

348 ALM, 348 BRN and 348 WH Vinyl Coated Shelf Supports

- **Pin Diameter**: Designed for 5mm holes
- **Pin Length**: 5/16"
- **Shelf Rest**: 1/2" (13mm) wide x 11/16" (17mm) long
- **Finish**: Almond (ALM), Brown (BRN), White (WH)

<table>
<thead>
<tr>
<th>Standard Pack (100 pieces per carton)</th>
<th>Poly (P) Pack (12 supports per bag; 10 bags per carton)</th>
</tr>
</thead>
</table>
5mm Shelf Supports for Built-In Shelving

1. Product Name
326 Series Grommets.
330 Series Shelf Supports.
332 Series Shelf Supports.
340 Series Plastic Locking Shelf Supports for 1" Shelves.
345 Series Metal Shelf Pins.
348 Series Vinyl Coated Shelf Supports.

2. Manufacturer
Knape & Vogt* Manufacturing Company
2700 Oak Industrial Dr. NE, Grand Rapids, MI USA 49505-6026
616.459.3311 | www.kv.com

3. Product Description
Basic Use: KV 5mm Shelf Supports are designed for built in shelving for cabinetry and other shelving applications.

Composition and Materials:
- 326 ANO and 326 BR Grommets: Steel
- 330 ANO and 330 STB Shelf Supports: Steel
- 332 ANO and 332 BR Shelf Supports: Steel
- 338 Series Plastic Shelf Support Pins: Steel & Plastic
- 340 WH Plastic Locking Shelf Supports for 1" Shelves: Plastic
- 345 Series Metal Shelf Pins: Steel
- 348 ALM, 348 BRN and 348 WH Vinyl Coated Shelf Supports: Steel & Vinyl

Sizes:
- 326 ANO and 326 BR Grommets: for 5mm holes
- 330 ANO and 330 STB Shelf Supports: for 5mm holes
- 332 ANO and 332 BR Shelf Supports: for 5mm holes
- 338 Series Plastic Shelf Support Pins: for 5mm holes
- 339 WH Plastic Locking Shelf Support for 3/4" Shelves: for 5mm holes
- 340 WH Plastic Locking Shelf Supports for 1" Shelves: for 5mm holes
- 345 Series Metal Shelf Pins: for 5mm holes
- 348 ALM, 348 BRN and 348 WH Vinyl Coated Shelf Supports: for 5mm holes

Finishes: Almond (ALM), Anochrome (ANO), Statuary Bronze (STB) and White (WH)
RoHS compliant: Almond (powder coat), Anochrome (electro plated steel), Statuary Bronze (electro plated steel) and White (plastic).

4. Technical Data
Applicable Standards: KV 5mm Shelf Supports are tested to meet or exceed ANSI performance standards as established by BHMA in the Knape & Vogt (KV) recommended application.

Results were obtained by laboratory testing in accordance with ANSI/ BHMA A156.9-2003 performance standard. Actual use conditions will typically result in lower load capacity than laboratory conditions.

Representative testing in a fully configured application is the only way to assure proper performance, durability, and safety.

The aforementioned shelf support load limit is intended as a guide only and not as a warranty. Actual load bearing capabilities depend upon the type of cabinet/wall material and use of appropriate shelf standard mounting fasteners, installation technique, shelf standard spacing, shelf size and construction.

Environmental Considerations:
- Environment: Excessive humidity, salts, or other chemical agents can corrode the finish and attack metal or plastic components.
- Fastening: Inadequate or incorrect fasteners can result in the product pulling loose and causing damage.
- Alignment: Improper product alignment can result in a system that is ineffective and unsafe.

5. Installation
For maximum loading capacity, fasten into studs or solid wall/cabinet. Place product in desired position. Use of proper adhesives to secure in place is recommended.

6. Availability and Cost
Availability: Knape & Vogt (KV) products are available from stocking distributors and through KV Representatives worldwide.
Cost: Current pricing is available from area KV Representatives. Please call for the nearest representative at: 800.253.1561.

7. Warranty
Limited Lifetime Warranty: Knape & Vogt offers its standard Limited Lifetime Warranty to the initial purchaser of commercial products. This warranty covers defects in materials and workmanship which occur during normal use, and the remedy is limited to repair or replacement of defective products, at KV’s option. Certain types of defects and damage are excluded from warranty coverage, costs and expenses are not covered, and additional restrictions apply. A copy of the Limited Lifetime Warranty, with all warranty details, limitations and disclaimers, is available on the Customer Care Connection location at www.kv.com or from KV Customer Service, 2700 Oak Industrial Drive, Grand Rapids, MI 49505, 800.253.1561.

8. Maintenance
KV 5mm Shelf Supports require no maintenance. Inspect for proper fit periodically and adjust when necessary. Replace as required or recommended by application.

9. Technical Services
Knape & Vogt and area representatives can assist with any application. For further information, or for the name of the representative nearest you, please call Knape & Vogt Customer Service: 800.253.1561 or visit our website at: www.kv.com.

10. Filing Systems
Additional product information, data sheets, application sheets, and a full catalog are available upon request from Knape & Vogt.