

Regular-Duty

Up to 220 lbs./pair*
Single Slot Design
Adjustable in 1" increments



70™ /71™ Series Standard & 170™ Series Bracket System

Applications Economy priced brackets ideal for garages, basements, workshops or anywhere shelving is needed.

Load Rating Varies per size*, BHMA Grade 2 Compliant*

Mounting Wall

Material 13-, 14- and 16-gauge steel

Finishes Economy Zinc (E), Anochrome (ANO): Long-lasting, corrosion resistant finishes

Features Standards can be mounted to any type of wall. Brackets are vertically adjustable in 1" increments.

70 Series Standards

- Dimensions: 5/8" wide x 13/32" deep x selected length
- 16-gauge galvanized steel construction
- Made in the USA
- Available from open stock

71 Series Narrow Standards

- Dimensions: 5/16" wide x 13/32" deep x selected length
- 13-gauge steel construction
- Made in the USA
- Available from open stock

170 Series Brackets

- Designed to be used with the KV 70 or 71 Series Standards
- 14-gauge steel construction (170 ANO) and 16-gauge galvanized steel construction (170 E)
- Vertically adjustable in 1" increments
- Made in the USA
- Available from open stock

* Contact KV Customer Service for information.



70 Series Standard



71 Series Narrow Standard



170E Series Bracket



170 ANO Series Bracket

70 Series Standards

Standard Pack (10/carton. UPC code applied.)	
Size	Economy Zinc (E)
24"	P70 E 24
36"	P70 E 36
48"	P70 E 48
72"	P70 E 72

71 Series Narrow Standards

Standard Pack (10/pack)	
Size	Anochrome (ANO)
48"	71 ANO 48
60"	71 ANO 60
72"	71 ANO 72
96"	71 ANO 96

170E Series Brackets

Standard Pack (50/carton. No UPC label)	
Size	Economy Zinc (E)
8"	170E 8
10"	170E 10
12"	170E 12

170 ANO Series Brackets

Standard Pack (10/box. No UPC label)	
Size	Anochrome (ANO)
10"	170 ANO 10
12"	170 ANO 12
14"	170 ANO 14

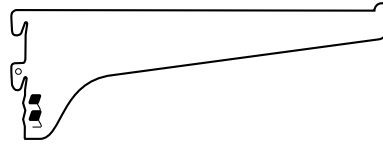
70™/71™ Series Standard & 170™ Series Bracket System



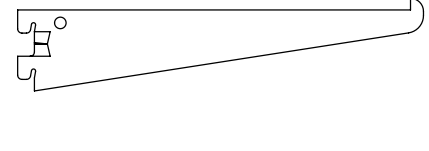
70 Series Standard



71 Series Narrow Standard



170E Series Bracket



170 ANO Series Bracket

1. Product Name

70/71 Series Wall Standard. 170 Series Adjustable Bracket. For adjustable shelving in light industrial, commercial, and residential applications.

2. Manufacturer

Knappe & 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: 70/71 Series Wall Standards and 170 Series Adjustable Brackets are manufactured for storage and display applications in retail stores, grocery stores, light warehouses, light industrial, repair garages, maintenance storage, business office storage, and residential storage. 70/71 Series Wall Standards mount to most wall types. 170 Series Adjustable Brackets are fully adjustable in 1" increments. Recommended screws (1-1/2" long with a #8 body and #6 head) are available in bulk bags (50 per bag) and bulk cartons (6,000 per carton). Screws and anchors are available in display pack cartons (20 bags per carton) and warehouse pack cartons (50 bags per carton).

Composition and Materials:

- 70 (E) Series Standards: 16-gauge galvanized steel
- 71 (ANO) Series Standards: 13-gauge cold-rolled steel
- 170 (E) Series Brackets: 16-gauge galvanized steel
- 170 (ANO) Series Brackets: 14-gauge cold rolled steel

Sizes:

- 70 Series Standards: 5/8" wide x 13/32" deep with 1" slot adjustment
- 71 Series Standards: 5/16" wide x 13/32" deep with 1" slot adjustment

Stock Lengths:

- 70 Series: 24", 36", 48", 72"
- 71 Series: 48", 60", 72", 84", 96"

170 (E and ANO) Series Brackets: Used for shelf depths of 8", 10", 12", 14" (some depths not available in some finishes)

Finishes: Zinc (galvanized steel) or Anochrome (electro-plated steel)

4. Technical Data

Applicable Standards: Standards and brackets are tested to meet or exceed the ANSI performance standards as established by BHMA.

These load limits are intended to be used as general guidelines only, and no warranty — expressed or implied — is made by Knappe & Vogt.

Results were obtained by laboratory testing in accordance with ANSI/ BHMA A156.9-2003 performance standard. (Load ratings based on brackets being mounted on 16" centers. Wider spacing will result in reduced load capacity.) 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. Contact KV for verification testing service of your specific application.

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 standards pulling loose and causing damage.

Alignment: Improper standard and bracket alignment can result in a system that is ineffective and unsafe.

5. Installation

For maximum loading capacity, brackets should be mounted directly to wall studs, which are generally found at 16" intervals. (If standards will not be mounted to studs, use appropriate wall anchors).

Use the recommended fasteners (#6 head and #8 body x 1-1/2" screws) in all holes to properly secure the standard. Prior to drilling all holes, check to be sure that the standard is vertically level.

Place the bracket into the standard slots. Using a hammer handle or screwdriver handle, tap lightly near the bracket's base. The bracket will snap into place.

6. Availability and Cost

Availability: Knappe & 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: Knappe & 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

70/71 Series Wall Standards and 170 Series Adjustable Brackets require no maintenance. Inspect for proper fit periodically and adjust when necessary. Replace as required or recommended by application.

9. Technical Services

Knappe & Vogt and area representatives can assist with any application. For further information, or for the name of the representative nearest you, please call Knappe & 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 Knappe & Vogt.



KNAPE & VOGT.

2700 Oak Industrial Dr. NE
Grand Rapids, MI 49505-6026 USA
1.800.253.1561 | 616.459.3311
Fax: 877.636.3290
www.kv.com



Knappe & Vogt shelving products follow the ANSI testing standards established by BHMA.

This and other KV literature is available for download at www.kv.com > Resource Library
Knappe & Vogt reserves the right to change product specifications at any time without notice and without incurring responsibility for existing units. This information conforms to editorial style prescribed by The Construction Specifications Institute.

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