

## Regular-Duty

Up to 320 lbs./pair\*

Single Slot Design

Adjustable in 1" Increments



# 80™ Series Standard & 180™/181™ Series Bracket System

**Applications** For storage and display applications in retail stores, grocery stores, light warehouses, light industrial, repair garages, maintenance storage, business office storage, and residential storage.

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

**Mounting** Wall

**Material** 14- and 16-gauge steel construction

**Finishes** Almond (ALM), Anochrome (ANO), Black (BLK), Brown (BRN), Brass-look (BR), Titanium (TI), White (WH): Attractive, long-lasting, corrosion resistant finishes

**RoHS** Compliant: Almond (ALM), Anochrome (ANO), Black (BLK), Brown (BRN), Titanium (TI), White (WH)

**Features** Standards can be mounted to almost any type of wall. 80 Series Standards and 180/181 Series Brackets offer the widest range of color and sizes of all KV® shelving systems. Reinforced brackets lock into slotted standards for strong, secure, weight-bearing support. Brackets are vertically adjustable in 1" increments.

### 80 Series Standards

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

### 180 Series Brackets

- 16-gauge steel construction: 4" to 12" brackets
- 14-gauge steel construction: 14" to 20" brackets
- Vertically adjustable in 1" increments
- Made in the USA
- Available from open stock

### 181 Series Brackets

- Lip-less version of 180 Bracket
- 16-gauge steel construction: 8" to 12" brackets
- 14-gauge steel construction: 14" to 16" brackets
- For use with any 1" KV adjustable standards
- Made in the USA
- Available from open stock

\* Contact KV Customer Service for information.

# 80™ Series Standard & 180™/181™ Series Bracket System

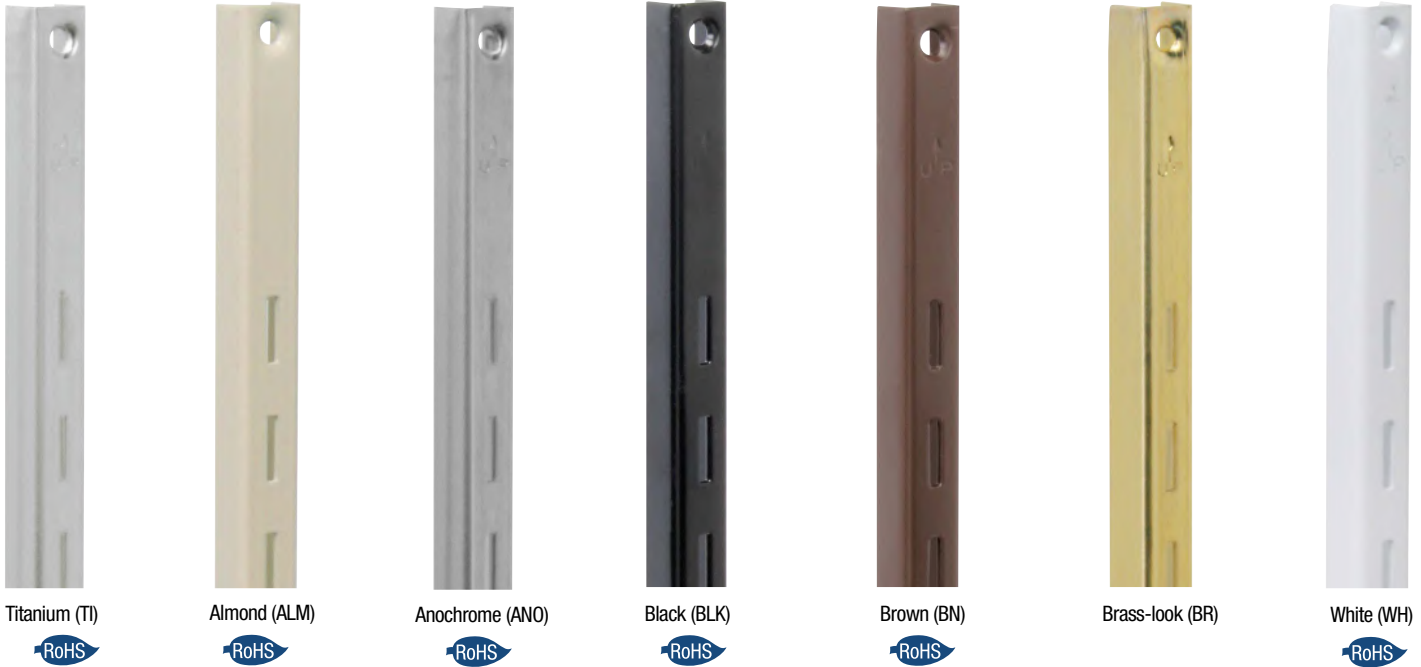
## 80 Series Standards

**Standard Pack (10/Box, screws not included. UPC label attached.)**

Size	Almond (ALM)	Anochrome (ANO)	Black (BLK)	Brown (BN)	Brass-look (BR)	Titanium (TI)	White (WH)
12"	80 ALM 12	80 ANO 12	80 BLK 12	80 BN 12	80 BR 12	80 TI 12	80 WH 12
18"	–	80 ANO 18	–	–	–	–	–
24"	80 ALM 24	80 ANO 24	80 BLK 24	80 BN 24	80 BR 24	80 TI 24	80 WH 24
36"	80 ALM 36	80 ANO 36	80 BLK 36	80 BN 36	80 BR 36	80 TI 36	80 WH 36
48"	80 ALM 48	80 ANO 48	80 BLK 48	80 BN 48	80 BR 48	80 TI 48	80 WH 48
60"	80 ALM 60	80 ANO 60	80 BLK 60	80 BN 60	80 BR 60	80 TI 60	80 WH 60
72"	80 ALM 72	80 ANO 72	80 BLK 72	80 BN 72	80 BR 72	80 TI 72	80 WH 72
84"	–	80 ANO 84	–	–	–	–	–
96"	–	80 ANO 96	80 BLK 96	–	–	–	80 WH 96

**Builders Pack (BP) (25/box) no UPC labels**

Size	Anochrome (ANO)
24"	80BP ANO 24
36"	80BP ANO 36
48"	80BP ANO 48
60"	80BP ANO 60
72"	80BP ANO 72
96"	80BP ANO 96



## Screws and Anchors



80-88  
Head: #6  
Body: #8  
Length: 1-1/2"

**Display Pack (DP) (20 poly bags/carton. Each poly bag contains 6 screws and 6 screw anchors.)**

Almond (ALM)	Anochrome(ANO)	Black (BLK)	Brass-look (BR)	Brown (BN)	Titanium (TI)	White (WH)
80-88DP ALM	80-88DP ANO	80-88DP BLK	80-88DP BR	80-88DP BN	80-88DP TI	80-88DP WH

**Standard Pack (50 screws per bag, no anchors)**

Almond (ALM)	Black (BLK)	Brass-look (BR)	White (WH)	Zinc (ZC)
80-80 ALM	80-80 BLK	80-80 BR	80-80 WH	80-80 ZC

**Builders Pack (1,000 bulk screws/carton)**

Almond (ALM)	Black (BLK)	Brass-look (BR)	Titanium (TI)	White (WH)	Zinc (ZC)
200239-4 ALM	200230-7 BLK	200231-0 BR	200241-1	200235-2 WH	200234-9 ZC

☐ Non-stock item – minimum order quantities and additional lead time may apply.

# 80™ Series Standard & 180™/181™ Series Bracket System

## 180 Series Brackets



Almond (ALM)



Anochrome (ANO)



Black (BLK)



Brown (BN)



Brass-look (BR)



Titanium (TI)



White (WH)



**Standard Pack (10/box, UPC labels attached.)**

Size	Almond (ALM)	Anochrome (ANO)	Black (BLK)	Brass-look (BR)	Brown (BN)	Titanium (TI)	White (WH)
4"	–	180 ANO 4	180 BLK 4	–	–	–	180 WH 4
6"	180 ALM 6	180 ANO 6	180 BLK 6	180 BR 6	180 BN 6	180 TI 6	180 WH 6
8"	180 ALM 8	180 ANO 8	180 BLK 8	180 BR 8	180 BN 8	180 TI 8	180 WH 8
10"	180 ALM 10	180 ANO 10	180 BLK 10	180 BR 10	180 BN 10	180 TI 10	180 WH 10
12"	180 ALM 12	180 ANO 12	180 BLK 12	180 BR 12	180 BN 12	180 TI 12	180 WH 12
14"	180 ALM 14	180 ANO 14	180 BLK 14	180 BR 14	–	–	180 WH 14
16"	180 ALM 16	180 ANO 16	180 BLK 16	180 BR 16	180 BN 16	180 TI 16	180 WH 16
18"	–	180 ANO 18	–	–	–	–	180 WH 18
20"	–	180 ANO 20	–	–	–	–	180 WH 20

**Hefty Pack (HP) (40/display carton, UPC labels attached.)**

Size	Anochrome (ANO)	Black (BLK)	Titanium (TI)	White (WH)
6"	–	–	180HP TI 6	180HP WH 6
8"	180HP ANO 8	180HP BLK 8	180HP TI 8	180HP WH 8
10"	180HP ANO 10	180HP BLK 10	180HP TI 10	180HP WH 10
12"	180HP ANO 12	180HP BLK 12	180HP TI 12	180HP WH 12
16"	180HP ANO 16	180HP BLK 16	180HP TI 16	180HP WH 16

**Builders Pack (BP) (100/box, no UPC labels.)**

Size	Anochrome (ANO)
6"	180BP ANO 6
8"	180BP ANO 8
10"	180BP ANO 10
12"	180BP ANO 12
14"	180BP ANO 14
16"	180BP ANO 16
18"	180BP ANO 18

## 181 Series Brackets



Anochrome (ANO)



**Standard Pack (10/Box, no UPC labels.)**

Size	Anochrome (ANO)
8"	181 ANO 8
10"	181 ANO 10
12"	181 ANO 12
14"	181 ANO 14
16"	181 ANO 16

☐ Non-stock item – minimum order quantities and additional lead time may apply.

# 80™ Series Standard & 180™ /181™ Series Bracket System



180 Series Bracket



181 Series Bracket

## 1. Product Name

**80 Series Wall Standard. 180/181 Series Wall Bracket.** For adjustable shelving in light industrial, commercial, and residential applications.

## 2. Manufacturer

Knape & Vogt® Manufacturing Company  
2700 Oak Industrial Dr. NE, Grand Rapids, MI USA 49505-6026  
616.459.3311 | [www.kv.com](http://www.kv.com)

## 3. Product Description

**Basic Use:** 80 Series Wall Standards and 180/181 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. 80 Series Wall Standards mount to most wall types. 180/181 Series Wall 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:

- 80 Series Standards: 16-gauge cold rolled steel
- 180 Series Brackets: (4"-12"): 16-gauge cold rolled steel
- 180 Series Brackets: (14"-20"): 14-gauge cold rolled steel
- 181 Series Brackets: (8"-12"): 16-gauge cold rolled steel
- 181 Series Brackets: (14"-16"): 14-gauge cold rolled steel

### Sizes:

- 80 Series Standards: 5/8" wide x 13/32" deep with 1" slot adjustment  
Stock Lengths: 12", 18", 24", 36", 48", 60", 72", 84", 96" (12", 18", 84", and 96" lengths are not available in some finishes).
- 180 Series Brackets: Used for shelf depths of 4", 5", 6", 8", 10", 12", 14", 16", 18", and 20". (4", 5", 6", 14", 16", 18" and 20" are not available in some finishes.)
- 181 Series Brackets: Used for shelf depths of 6", 8", 10", 12", 14" and 16". Available in Anochrome finish only.

**Finishes:** Anochrome or Brass-look (electro-plated steel); White, Almond, Black, Brown or Titanium (powder-coat paint). RoHS Compliant: Anochrome, White, Almond, Black, Brown and Titanium.

## 4. Technical Data

**Applicable Standards:** Standards and brackets are tested to meet or exceed ANSI performance standards as established by BHMA in the Knape & Vogt (KV) recommended application.

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

Results were obtained by laboratory testing in accordance with ANSI/ BHMA A156.9-2003 performance standard. (Load ratings based on standards 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.

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, standards 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:** 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: 1.800.253.1561.

## 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](http://www.kv.com) or from KV Customer Service, 2700 Oak Industrial Drive, Grand Rapids, MI 49505, 1.800.253.1561.

## 8. Maintenance

80 Series Wall Standards and 180/181 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

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: 1.800.253.1561. or visit our website at: [www.kv.com](http://www.kv.com).

## 10. Filing Systems

Additional product information, data sheets, application sheets, and a full catalog are available upon request from Knape & 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](http://www.kv.com)

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

*This and other KV literature is available for download at [www.kv.com](http://www.kv.com) > Resource Library*  
*Knape & 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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