

Aluminum Frame Base Structures

PROFILES BS001 & BS002

Element Designs aluminum frame base systems are a unique product solution for cabinetry and furniture designs. Kitchen islands, cabinet bases, tables, and shelving units are easy to design in standard or custom configurations to meet your project needs. Choose from two profile sizes, ten finishes, and a range of support options.

BS001

50 mm (1 31/32") square profile



BS001 in stainless steel finish, configuration 2.0. Image courtesy of Kettler.

PROFILE	50 mm square aluminum tubing
FINISHES	2 anodized, 8 coated
SUPPORT	End cap (standard), leveling foot, or caster
CUFF OPTION	60 x 60 mm, 60 mm (2.36") tall
STATIC LOAD	Passed 1,186 lb load test (Layout 1.0)

BS002

30 mm (1 3/16") square profile



BS002 in oil rubbed bronze finish, configuration 1.2. Image courtesy of Plain and Fancy.

PROFILE	30 mm square aluminum tubing
FINISHES	2 anodized, 8 coated
SUPPORT	End cap (standard), leveling foot, or caster
CUFF OPTION	38 x 38 mm, 38 mm (1.5") tall
STATIC LOAD	Passed 1,186 lb load test (Layout 1.0)

Profile Finishes

Available for both BS001 and BS002.

ANODIZED



Natural
(N)



Stainless
(S)

COATED



Graphite
(GR)



Arctic Silver
(AS)



Luxe Bronze
(LB)



Onyx - Black
Matte
(X)



Gold
(GLD)



Modern Brass
(MB)



Bronze Matte
(BZM)



Black
(B)

Support Options

Every base system ships with end caps; leveling feet or casters can be specified.



End Cap

Standard with all base systems

CAPACITY
>500 lbs per cap



Leveling Foot

2" diameter metal base with up to 2" height adjustment

CAPACITY
250 lbs per foot



Caster

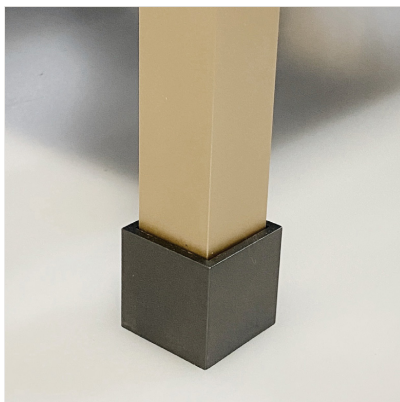
2 3/8" diameter non-marking nylon wheel with brake; not adjustable

CAPACITY
125 lbs per caster

Element Designs does not recommend moving or sliding a base system with leveling feet or end caps across a floor surface. Picking up and placing it in the desired location is advised.

Cuff

A decorative leg option sized to each profile, available in natural or coated finishes.



FOR BS001

60 x 60 mm
60 mm (2.36") tall

FOR BS002

38 x 38 mm
38 mm (1.5") tall

Not available in brushed stainless. Not compatible with casters.

CUFF FINISHES



Natural
(N)



Graphite
(GR)



Arctic Silver
(AS)



Luxe Bronze
(LB)



Onyx - Black
Matte
(X)



Gold
(GLD)



Modern Brass
(MB)



Bronze Matte
(BZM)



Black
(B)

Standard Configurations

Maximum overall dimensions by system code. Applies to both BS001 and BS002.

SYSTEM CODE	MAX HEIGHT	MAX DEPTH	MAX WIDTH
1.0	16"	48"	48"
1.1	16"	48"	72"
1.2	16"	48"	96"
1.3	16"	48"	108"
1.4	16"	48"	120"
2.0	48"	48"	48"
2.1	48"	48"	72"

- Custom configurations are also available.
- Height (H), depth (D), and width (W) are overall base system dimensions. Height is measured to the bottom of the leveling foot or caster.
- With casters installed, caster height (67 mm) is included in the overall base system height. Casters add 2" to minimum heights.
- Ships sub-assembled with all required hardware.
- Attach the assembled base to the cabinet with brackets, screws, or double-sided VHB tape.



Technical Manual

Full layout drawings, installation instructions, load testing, and warranty details are available in the Base Structures Technical Manual.