

How Build a Block Wall Fence

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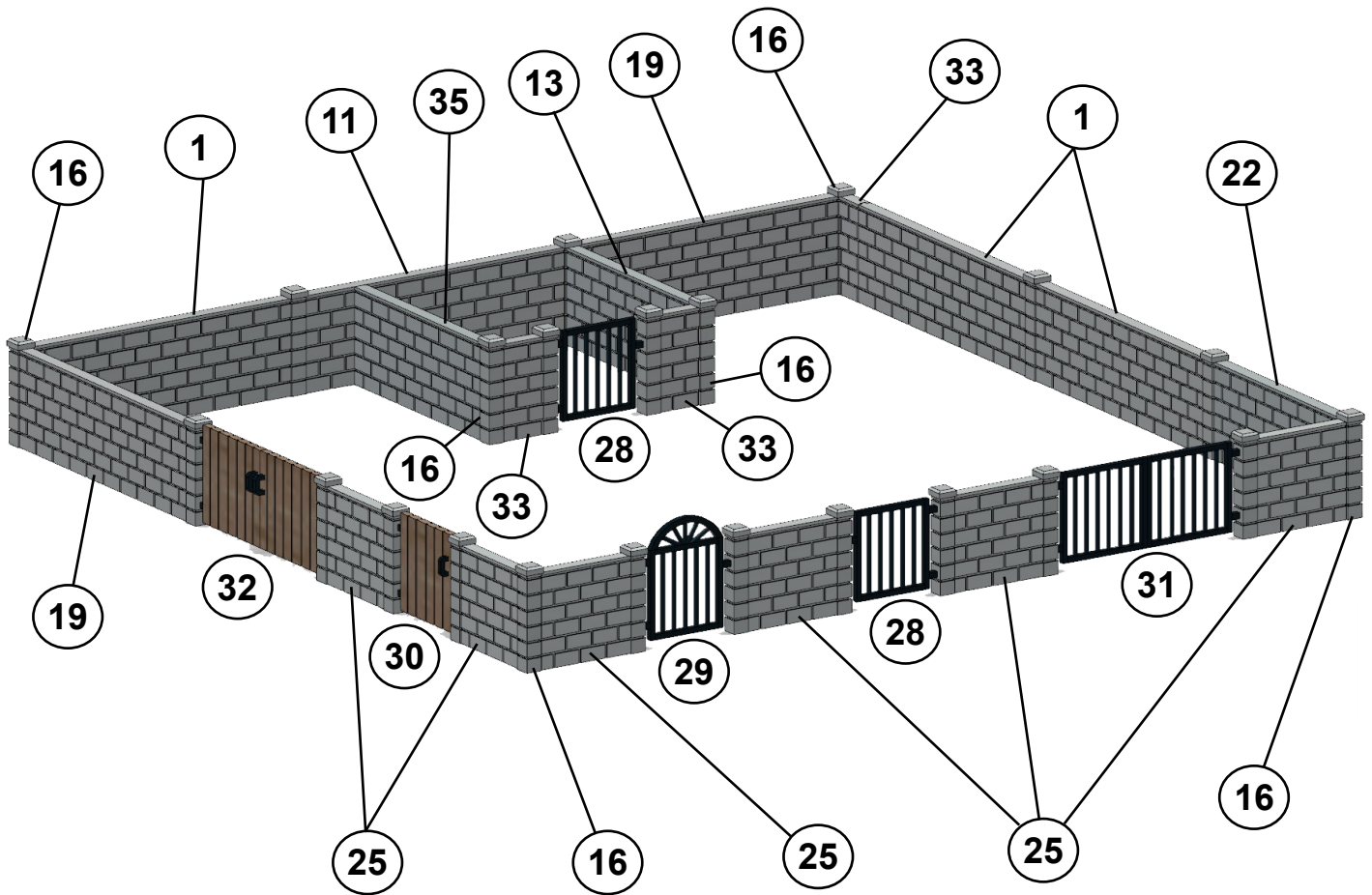
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How Build a Block Wall Fence



Some Ideas . . .

See bubble data beginning on Index Page-1

My interconnecting wall system includes all the components necessary to build great looking block walls. I offer 36 different components, including:

- Wall sections in various lengths and quantities.
- 90° intersections in various lengths.
- Wall splices in various lengths and quantities.
- Individual columns, including wall ends, in-line splices and 90° corners.
- 5-types of man gates.
- 2-types of vehicle gates.

How Build a Block Wall Fence

Suggested Materials



Painter's Tape



White Glue



Mini Swabs



1/2" Foam Insulation



Gray Spray Paint

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Suggested Tools



Exacto Knife



Utility Knife

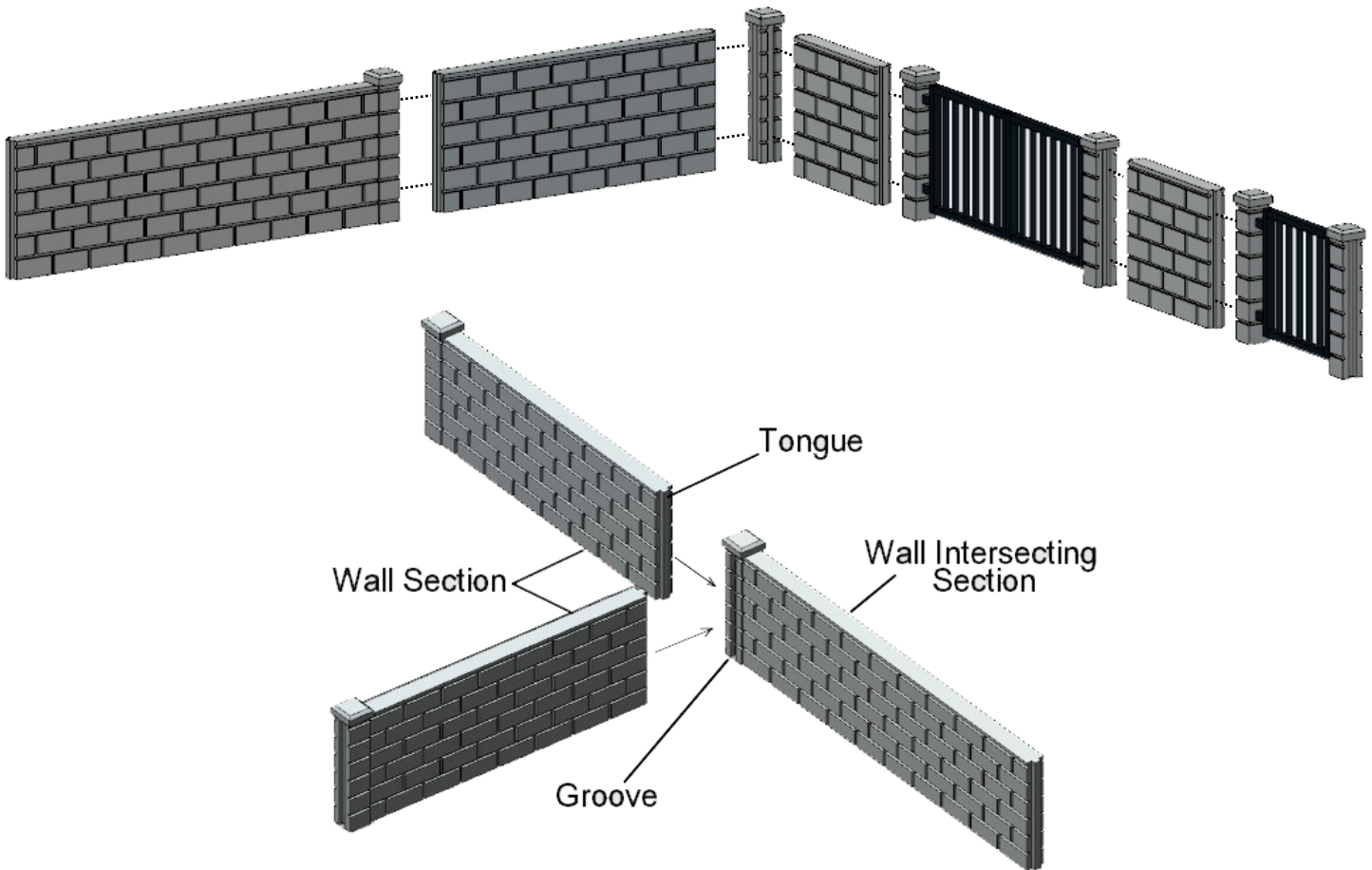


**Bread Knife
(For cutting up styrofoam)**



Scissors

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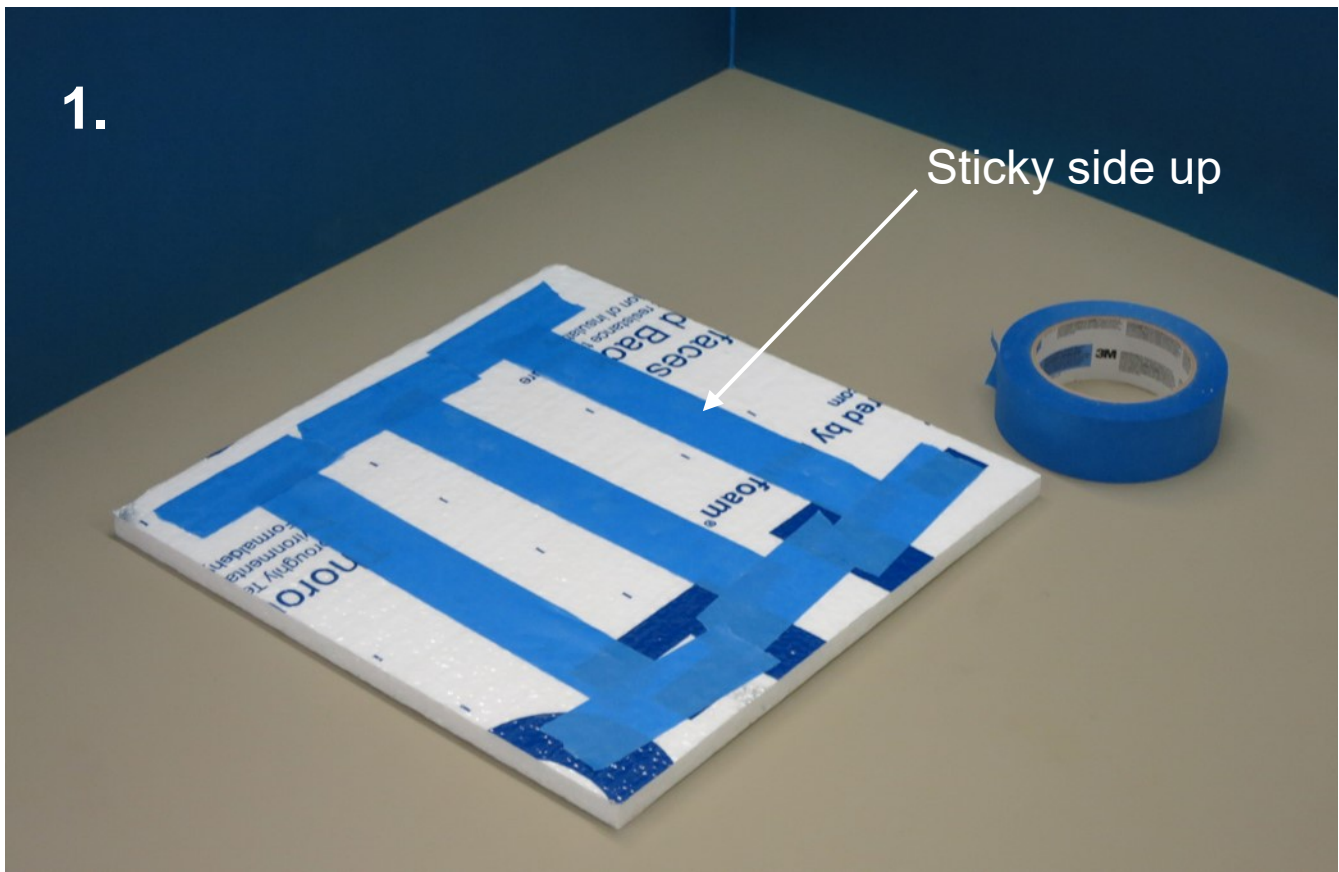


Each piece of my interconnecting block wall system has an end grove and/or tongue for easy and accurate installation.

Make a sketch of your wall layout using the data beginning on Index page-1. When you are confident of your wall configuration, make a list of parts and quantities needed. Then go to my website at bobsminiatures.com to order.

How Build a Block Wall Fence

Prepare a paint holder for small plastic parts

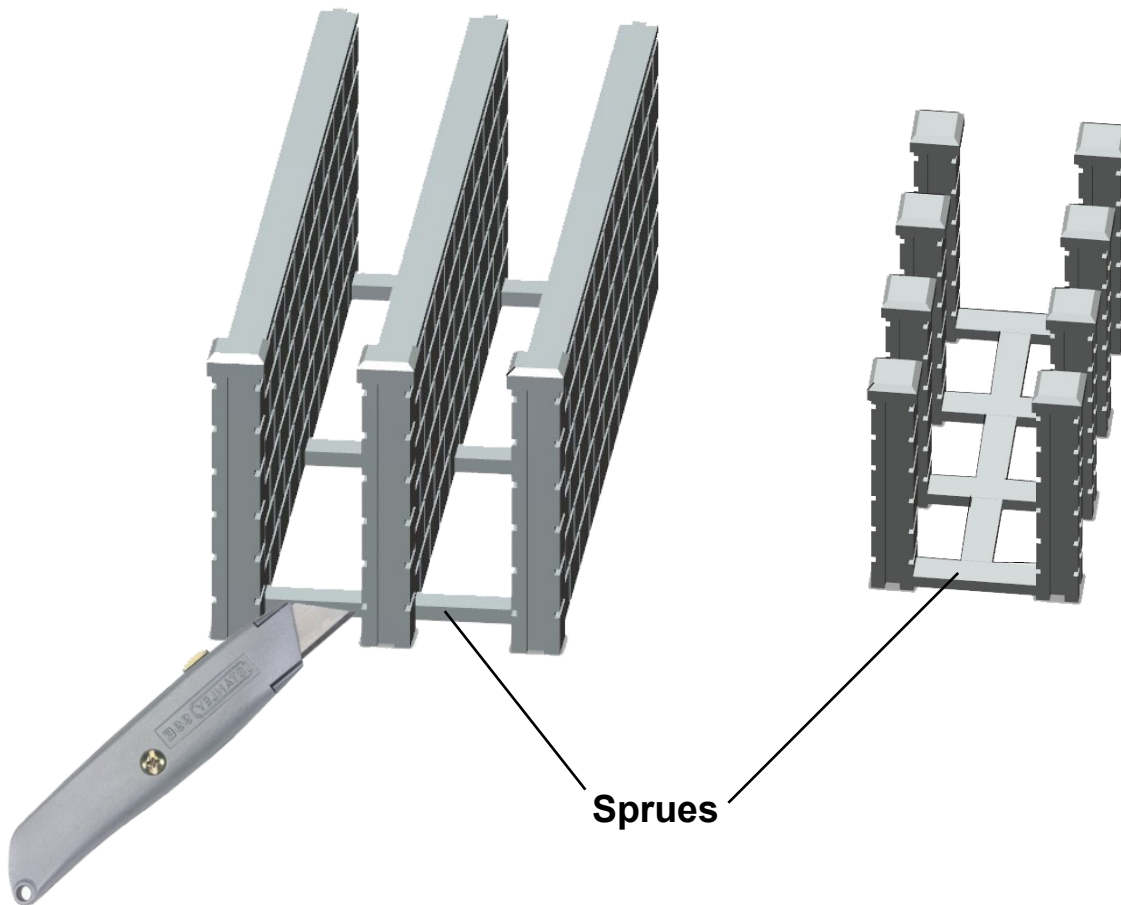


This is my way of painting small, light, plastic parts:

- Cut out a couple pieces of 1/2" foam insulation about 12" wide x 12" long to use as a holder while painting your parts. Lay one of the pieces flat on your workbench.
- Tear off 2 pieces of 1" blue painters tape about 3" long and tack them to the edge of your workbench.
- Tear off a piece of blue painter's tape about 8" long and place it along the middle of the piece of insulation with the sticky side up. Using one of the short pieces of tape, secure one end of this 8" piece of tape to the insulation. Stretch the 8" piece of tap across the insulation and secure the other end with a short piece of tape. Repeat this process for a as many rows as needed to paint all parts.
- Now, you have a sticky surface to hold your work while you paint.

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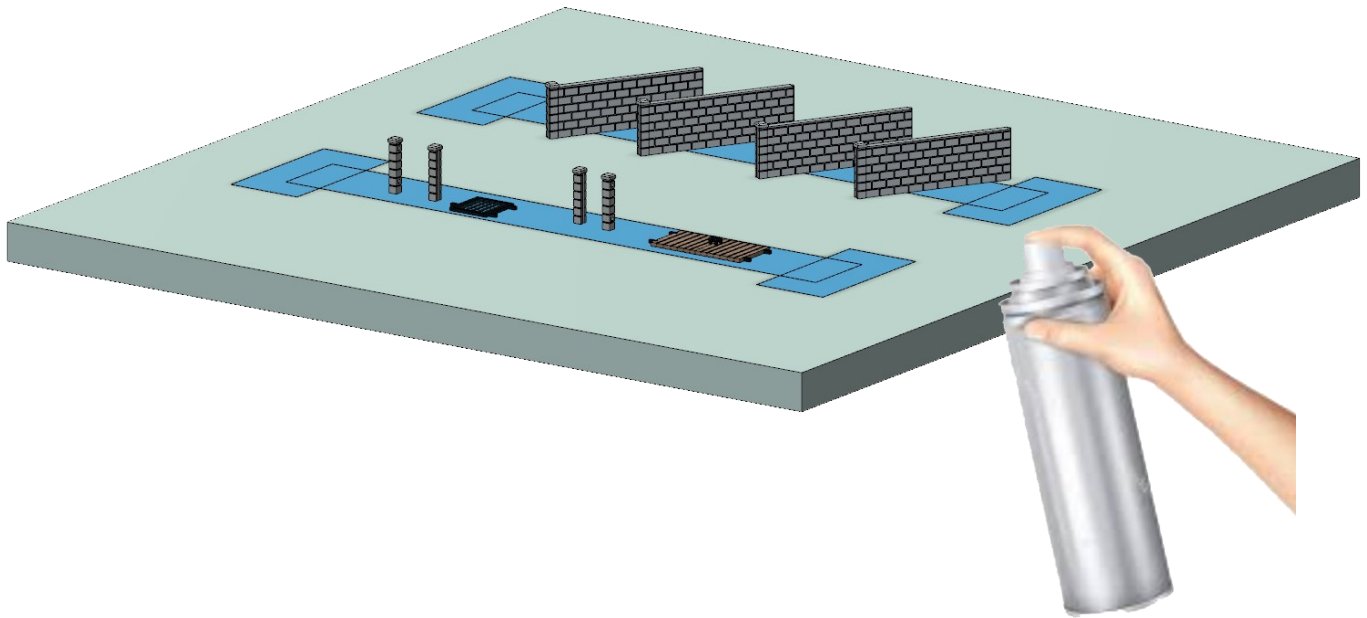
Trim away all sprues



Cut away all of the connector pieces (sprues) with a utility Knife. The sprues are to make the model an integral unit. Otherwise a setup charge is made by the printer for each piece. This keeps the price of production much lower.

How Build a Block Wall Fence

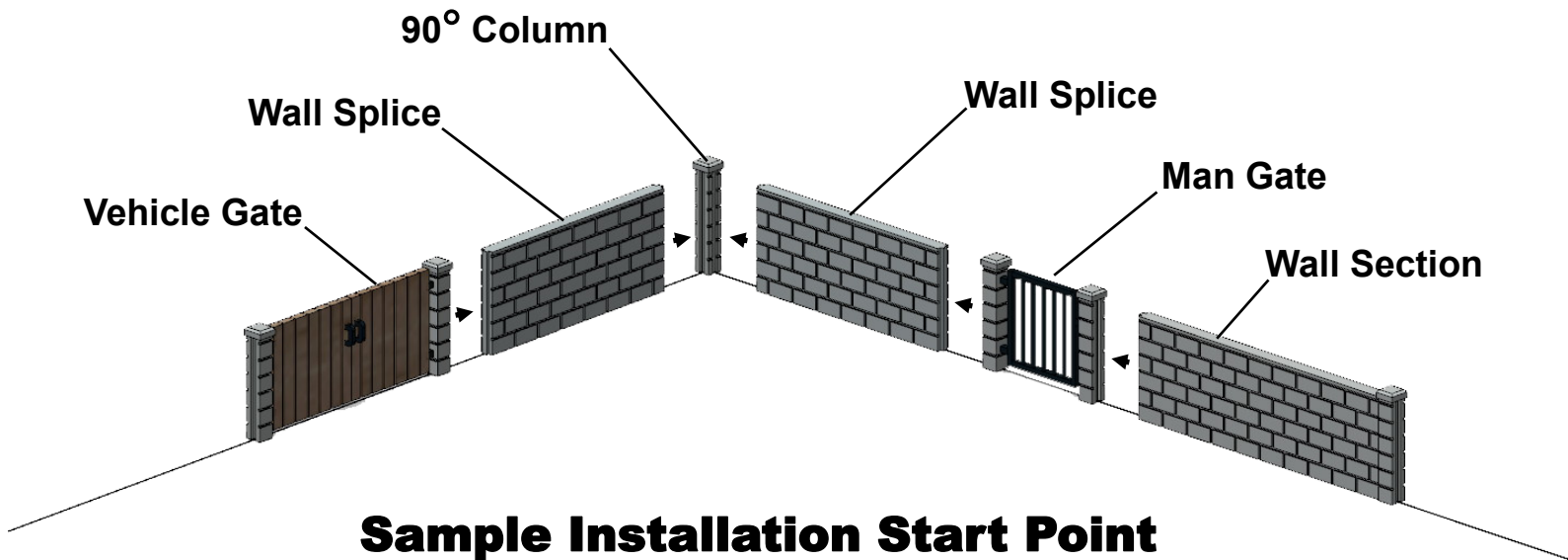
Paint all Parts



Stick each piece onto the styrofoam parts holder you made on page-5.

Paint all parts the color of your choice. I suggest a light gay or tan for the walls, Black or white for the rod iron and a light brown for the wooden gates.

How Build a Block Wall Fence



Draw perpendicular construction lines on your layout at the point where you wish to start installing the wall. The lines will help keep the wall straight during installation.


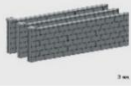








I suggest gluing together several aligned parts at a time before installing them onto your layout.

Apply a small amount of white glue into each groove and press the tongue of the adjoining part into the groove.

Dimension Data

*Not including grooves or tongues











**Not including cap

	No.	Part No.	Item	Dimensions*		
				L	W	H
	1	BWJ-001	Jointed Wall Section - Long (2 ea.)	2.08"	0.13"	0.70"
	2	BWJ-002	Jointed Wall Section - Long (3 ea.)	2.08"	0.13"	0.70"
	3	BWJ-003	Jointed Wall Section - Long (4 ea.)	2.08"	0.13"	0.70"
	4	BWJ-004	Jointed Wall Section - Medium (2 ea.)	1.59"	0.13"	0.70"
	5	BWJ-005	Jointed Wall Section - Medium (3 ea.)	1.59"	0.13"	0.70"
	6	BWJ-006	Jointed Wall Section - Medium (4 ea.)	1.59"	0.13"	0.70"
	7	BWJ-007	Jointed Wall Section - Short (2 ea.)	0.791"	0.13"	0.70"
	8	BWJ-008	Jointed Wall Section - Short (3 ea.)	0.791"	0.13"	0.70"
	9	BWJ-009	Jointed Wall Section - Short (4 ea.)	0.791"	0.13"	0.70"
	10	BWJ-010	Jointed Wall Intersection - Long - L/S (2 ea.)	2.08"	0.13"	0.70"

Dimension Data

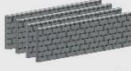

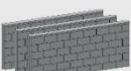







*Not including grooves or tongues

**Not including cap

	No.	Part No.	Item	Dimensions*		
				L	W	H
	11	BWJ-011	Jointed Wall Intersection - Long - R/S (2 ea.)	2.08"	0.13"	0.70"
	12	BWJ-012	Jointed Wall Intersection - Medium - L/S (2 ea.)	1.59"	0.13"	0.70"
	13	BWJ-013	Jointed Wall Intersection - Medium - R/S (2 ea.)	1.59"	0.13"	0.70"
	14	BWJ-014	Jointed Wall Intersection - Short - L/S (2 ea.)	0.791"	0.13"	0.70"
	15	BWJ-015	Jointed Wall Intersection - Short - R/S (2 ea.)	0.791"	0.13"	0.70"
	16	BWJ-016	Jointed Wall 90v corner column** (8 ea.)	0.11"	0.11"	0.70"
	17	BWJ-017	Jointed Wall end column** (8 ea.)	0.11"	0.11"	0.70"
	18	BWJ-018	Jointed Wall lateral Splice column** (8 ea.)	0.11"	0.11"	0.70"
	19	BWJ-019	Jointed Wall - Long Splice Section (2 ea.)	1.971"	0.09"	0.65"
	20	BWJ-020	Jointed Wall - Long Splice Section (3 ea.)	1.971"	0.09"	0.65"

Dimension Data







*Not including grooves or tongues **Not including cap

	No.	Part No.	Item	Dimensions*		
				L	W	H
	21	BWJ-021	Jointed Wall - Long Splice Section (4 ea.)	1.971"	0.09"	0.65"
	22	BWJ-022	Jointed Wall - Medium Splice Section (2 ea.)	1.48"	0.09"	0.65"
	23	BWJ-023	Jointed Wall - Medium Splice Section (3 ea.)	1.48"	0.09"	0.65"
	24	BWJ-024	Jointed Wall - Medium Splice Section (4 ea.)	1.48"	0.09"	0.65"
	25	BWJ-025	Jointed Wall - Short Splice Section (2 ea.)	0.681"	0.09"	0.65"
	26	BWJ-026	Jointed Wall - Short Splice Section (3 ea.)	0.681"	0.09"	0.65"
	27	BWJ-027	Jointed Wall - Short Splice Section (4 ea.)	0.681"	0.09"	0.65"
	28	BWJ-028	Jointed Wall - Rod Iron Man Gate-1**	0.893"	0.09"	0.70"
	29	BWJ-029	Jointed Wall - Rod Iron Man Gate-2**	0.893"	0.09"	0.70"
	30	BWJ-030	Jointed Wall - Wooden Man Gate-1**	0.893"	0.09"	0.70"

Dimension Data

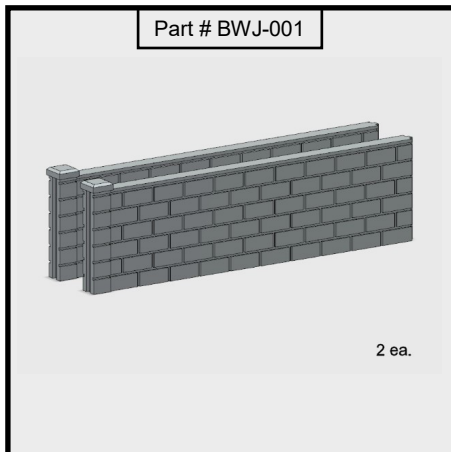
* Not including groves or tongues

** Not including cap

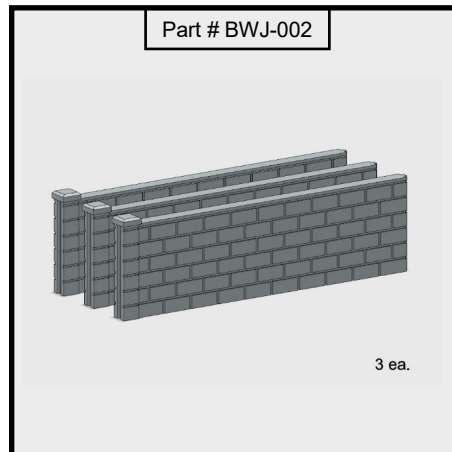
	No.	Part No.	Item	Dimensions*		
				L	W	H
	31	BWJ-031	Jointed Wall - Rod Iron Vehicle Gate-1**	1.626"	0.09"	0.70"
	32	BWJ-032	Jointed Wall - Wooden Vehicle Gate-1**	1.640"	0.09"	0.70"
	33	BWJ-033	Jointed Wall - Filler Section (8 ea.)	0.301"	0.09"	0.65"
	34	BWJ-034	Jointed Butt Wall - Long (2 ea.)	1.971"	0.09"	0.65"
	35	BWJ-035	Jointed Butt Wall - Medium (2 ea.)	1.48"	0.09"	0.65"
	36	BWJ-036	Jointed Butt Wall - Short (2 ea.)	0.681"	0.09"	0.65"

5 ft. Jointed Block Wall

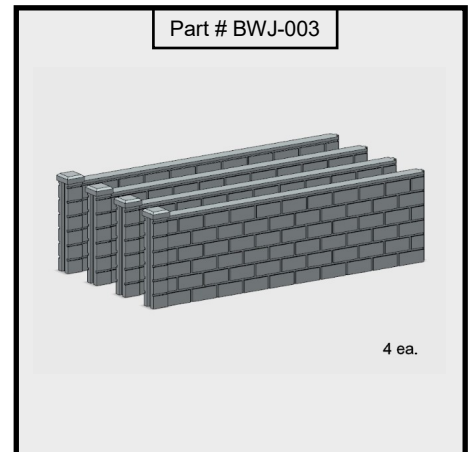
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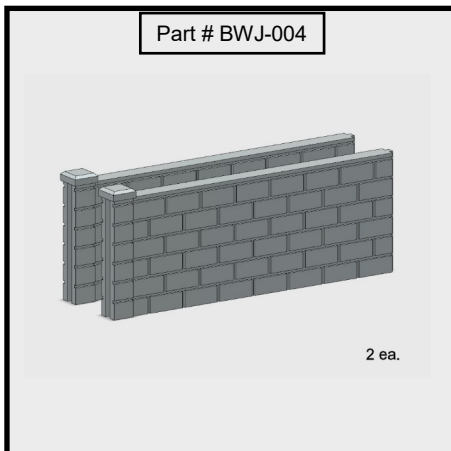
**5' Jointed Block Wall
Long Section (2 ea.)
HO Scale (1/87)**



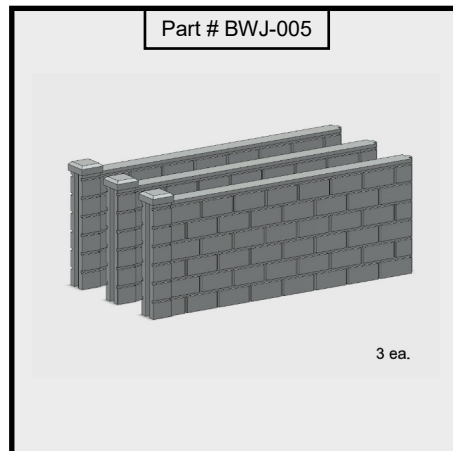
**5' Jointed Block Wall
Long Section (3 ea.)
HO Scale (1/87)**



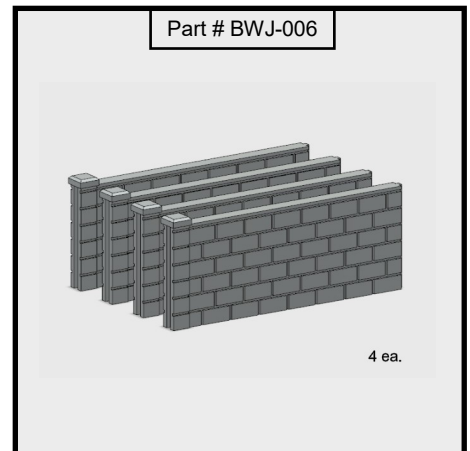
**5' Jointed Block Wall
Long Section (4 ea.)
HO Scale (1/87)**



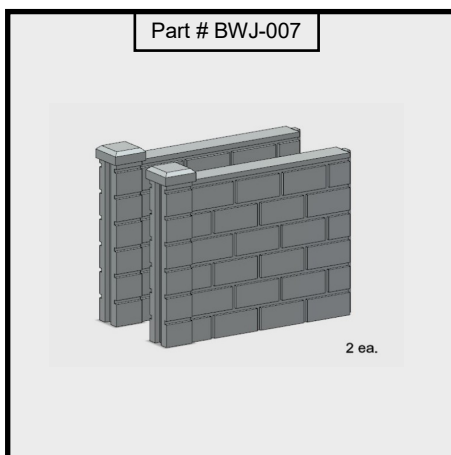
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Medium Section (2 ea.)
HO Scale (1/87)**



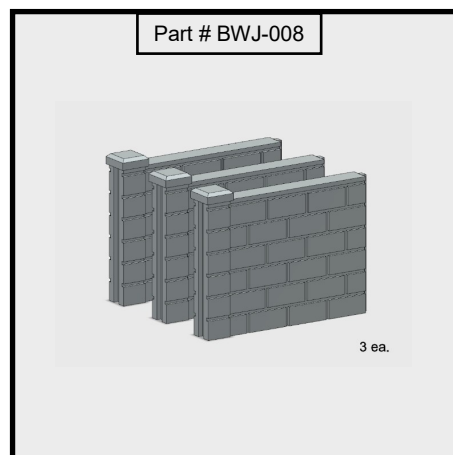
**5' Jointed Block Wall
Medium Section (3 ea.)
HO Scale (1/87)**



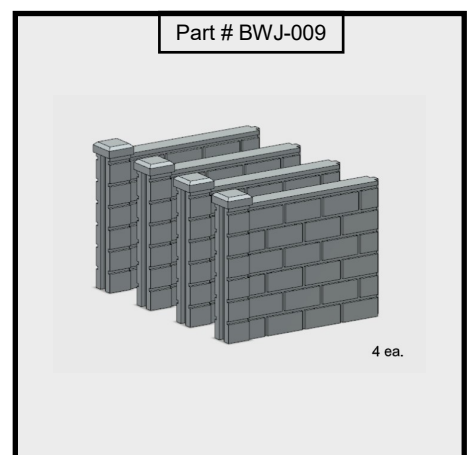
**5' Jointed Block Wall
Medium Section (4 ea.)
HO Scale (1/87)**



**5' Jointed Block Wall
Short Section (2 ea.)
HO Scale (1/87)**



**5' Jointed Block Wall
Short Section (3 ea.)
HO Scale (1/87)**



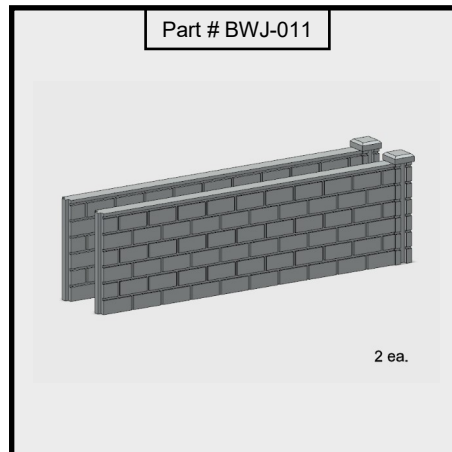
**5' Jointed Block Wall
Short Section (4 ea.)
HO Scale (1/87)**

5 ft. Jointed Block Wall

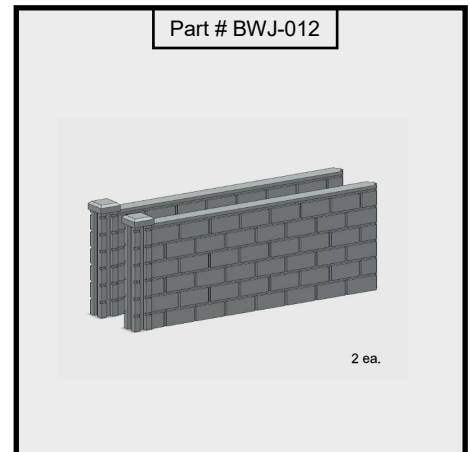
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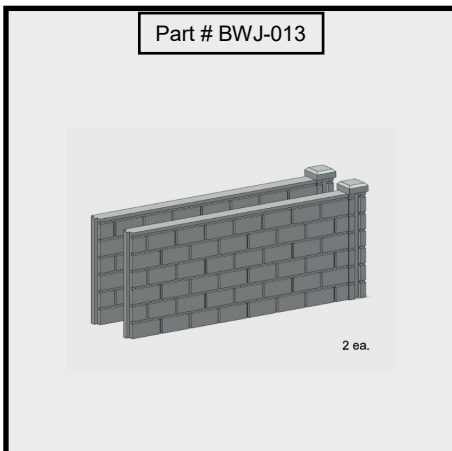
**5' Jointed Block Wall
Long Intersection - L/S (2 ea.)
HO Scale (1/87)**



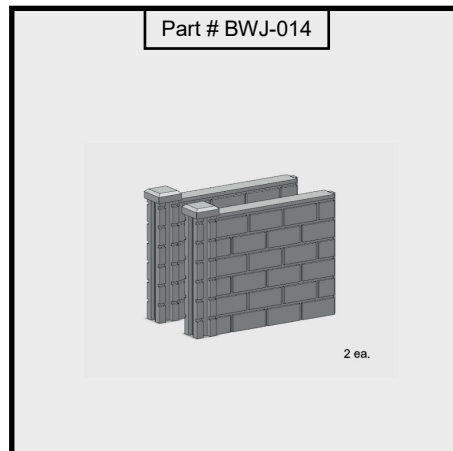
**5' Jointed Block Wall
Long Intersection - R/S (2 ea.)
HO Scale (1/87)**



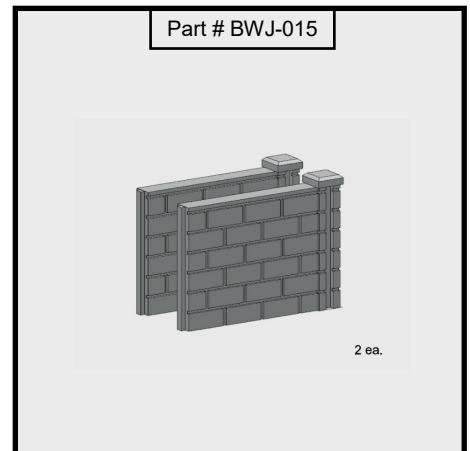
**5' Jointed Block Wall
Med. Intersection - L/S (2 ea.)
HO Scale (1/87)**



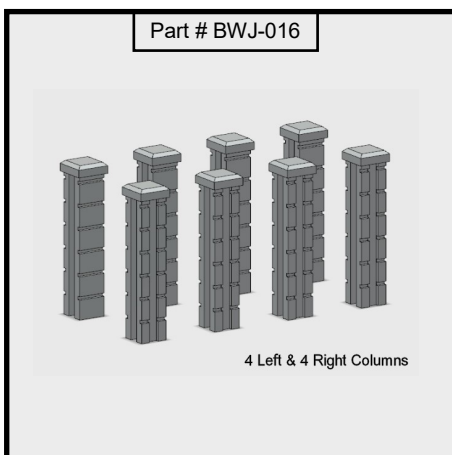
**5' Jointed Block Wall
Med. Intersection - R/S (2 ea.)
HO Scale (1/87)**



**5' Jointed Block Wall
Short Intersection - L/S (2 ea.)
HO Scale (1/87)**



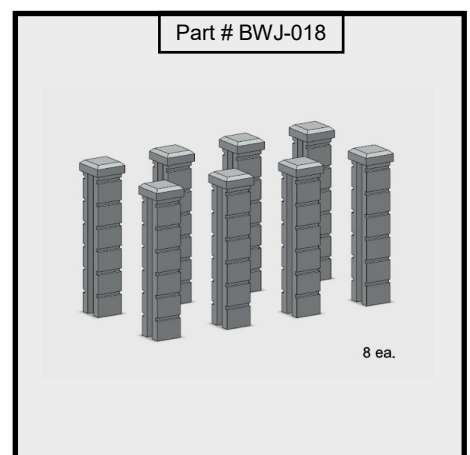
**5' Jointed Block Wall
Short Intersection - R/S (2 ea.)
HO Scale (1/87)**



**5' Jointed Block Wall
90 deg Corner (4-R & 4-L)
HO Scale (1/87)**



**5' Jointed Block Wall
End Column (8 ea.)
HO Scale (1/87)**



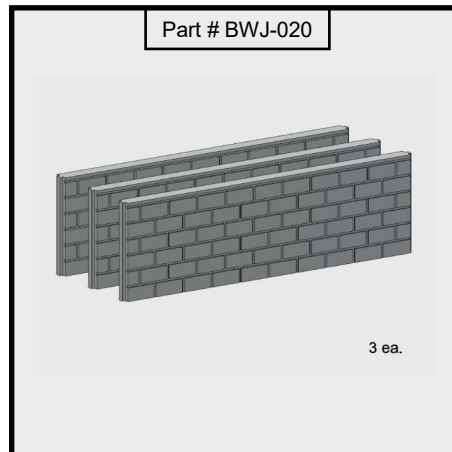
**5' Jointed Block Wall
In-line Splice Column (8 ea.)
HO Scale (1/87)**

5 ft. Jointed Block Wall

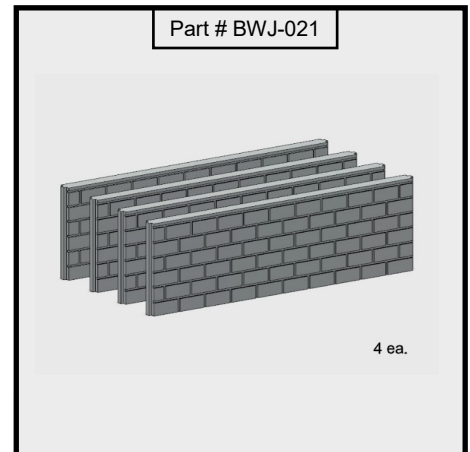
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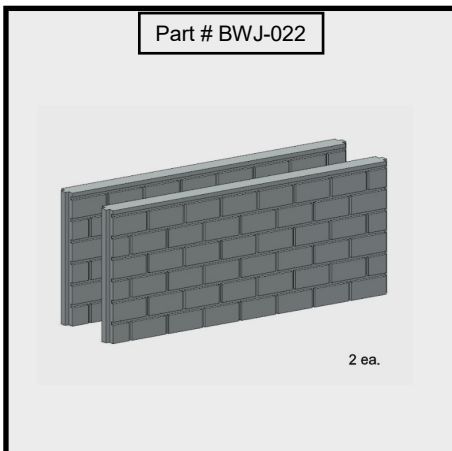
**5' Jointed Block Wall
Long Male Splice Section (2)
HO Scale (1/87)**



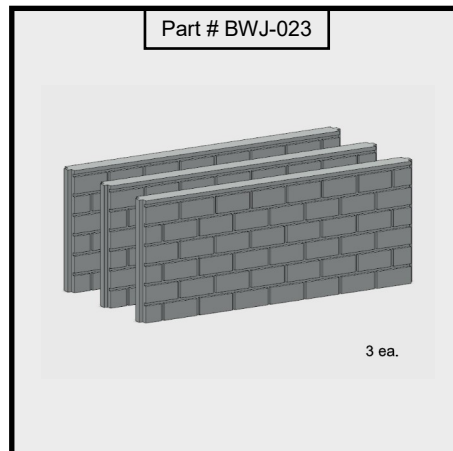
**5' Jointed Block Wall
Long Male Splice Section (3)
HO Scale (1/87)**



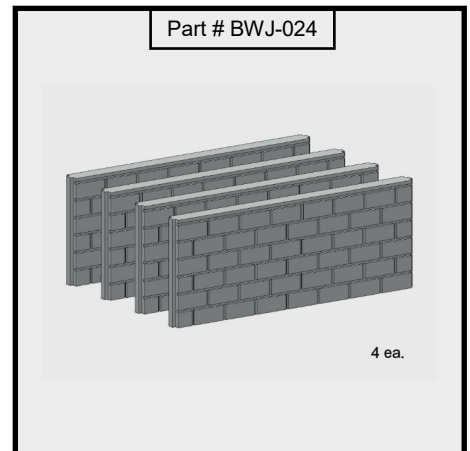
**5' Jointed Block Wall
Long Male Splice Section (4)
HO Scale (1/87)**



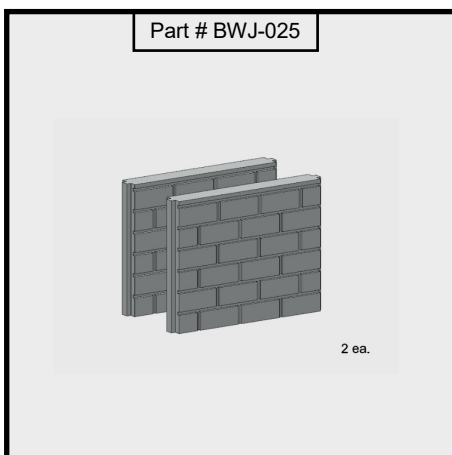
**5' Jointed Block Wall
Med. Male Splice Section (2)
HO Scale (1/87)**



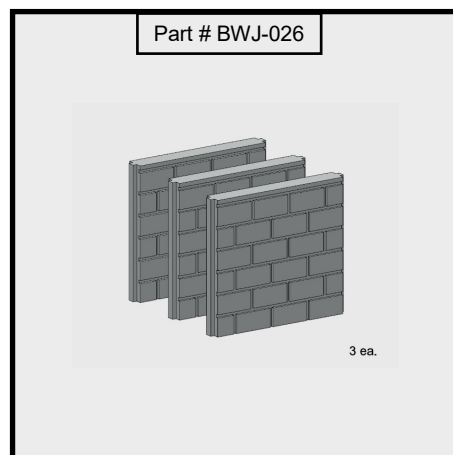
**5' Jointed Block Wall
Med. Male Splice Section (3)
HO Scale (1/87)**



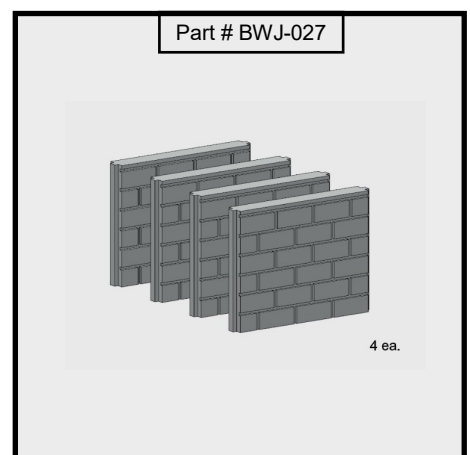
**5' Jointed Block Wall
Med. Male Splice Section (4)
HO Scale (1/87)**



**5' Jointed Block Wall
Short Male Splice Section (2)
HO Scale (1/87)**



**5' Jointed Block Wall
Short Male Splice Section (3)
HO Scale (1/87)**

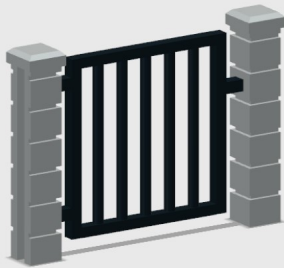


**5' Jointed Block Wall
Short Male Splice Section (4)
HO Scale (1/87)**

5 ft. Jointed Block Wall

Updated: 03-10-2019

Part # BWJ-028



**5' Jointed Block Wall
Rod Iron Man Gate-1
HO Scale (1/87)**

Part # BWJ-029



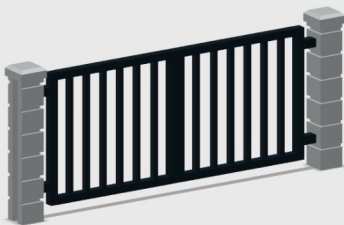
**5' Jointed Block Wall
Rod Iron Man Gate-2
HO Scale (1/87)**

Part # BWJ-030



**5' Jointed Block Wall
Wooden Man Gate
HO Scale (1/87)**

Part # BWJ-031



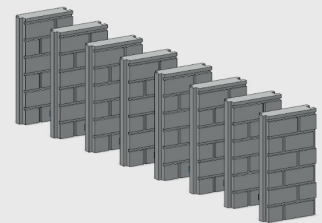
**5' Jointed Block Wall
Rod Iron Vehicle Gate
HO Scale (1/87)**

Part # BWJ-032



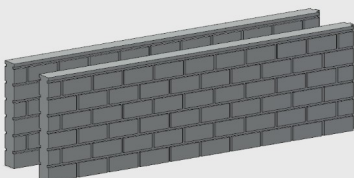
**5' Jointed Block Wall
Wooden Vehicle Gate
HO Scale (1/87)**

Part # BWJ-033



**5' Jointed Block Wall
Wall Filler (8 ea.)
HO Scale (1/87)**

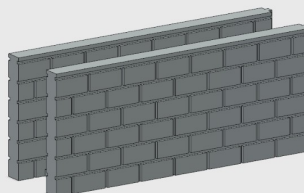
Part # BWJ-034



2 ea.

**5' Jointed Block Wall
Long Butt Wall
HO Scale (1/87)**

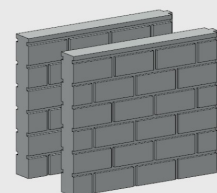
Part # BWJ-035



2 ea.

**5' Jointed Block Wall
Medium Butt Wall
HO Scale (1/87)**

Part # BWJ-036



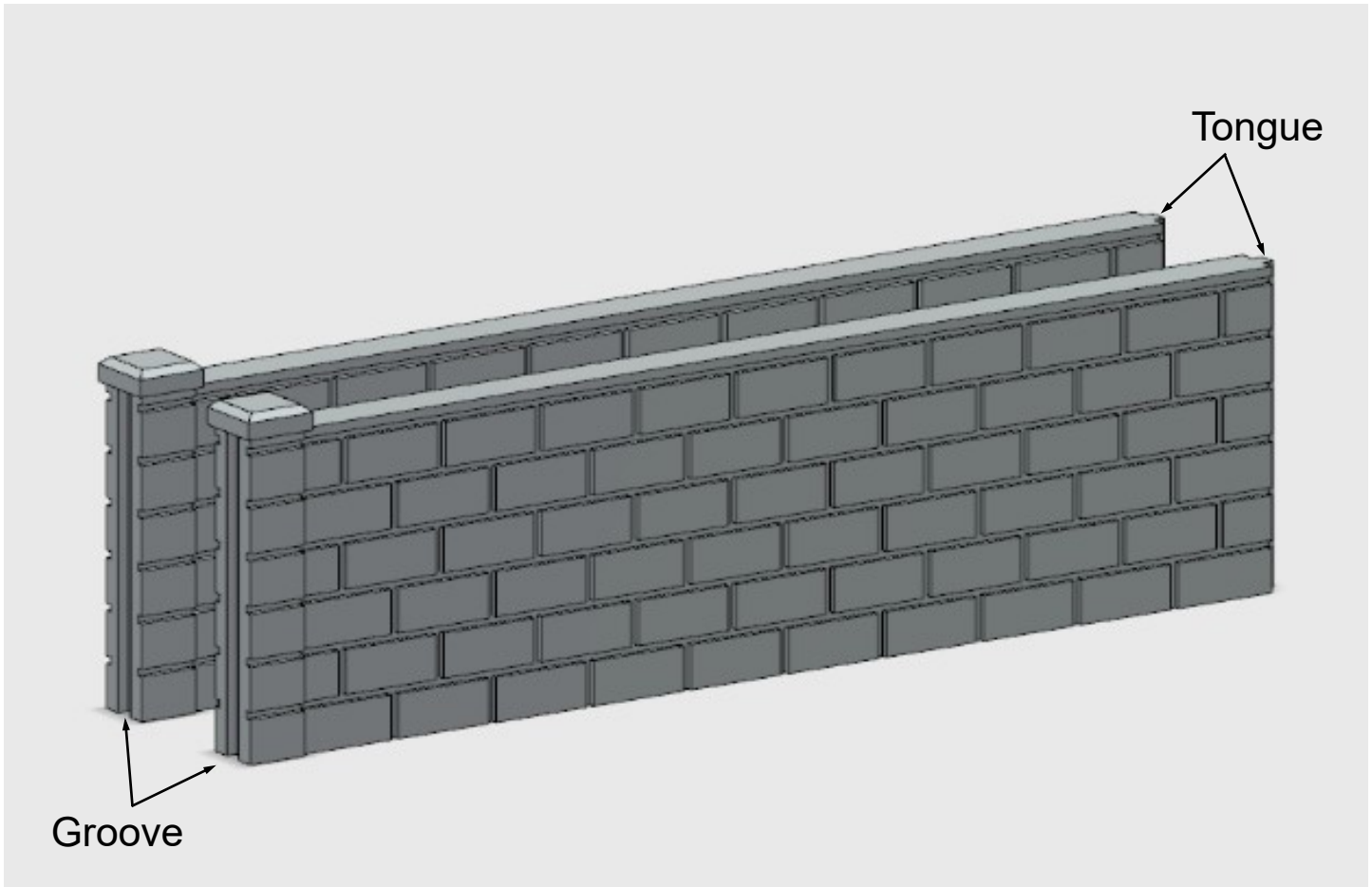
2 ea.

**5' Jointed Block Wall
Short Butt Wall
HO Scale (1/87)**

5 ft. HO Scale Block Wall System

Inline Wall Sections

Parts BWJ-001 - BWJ-009



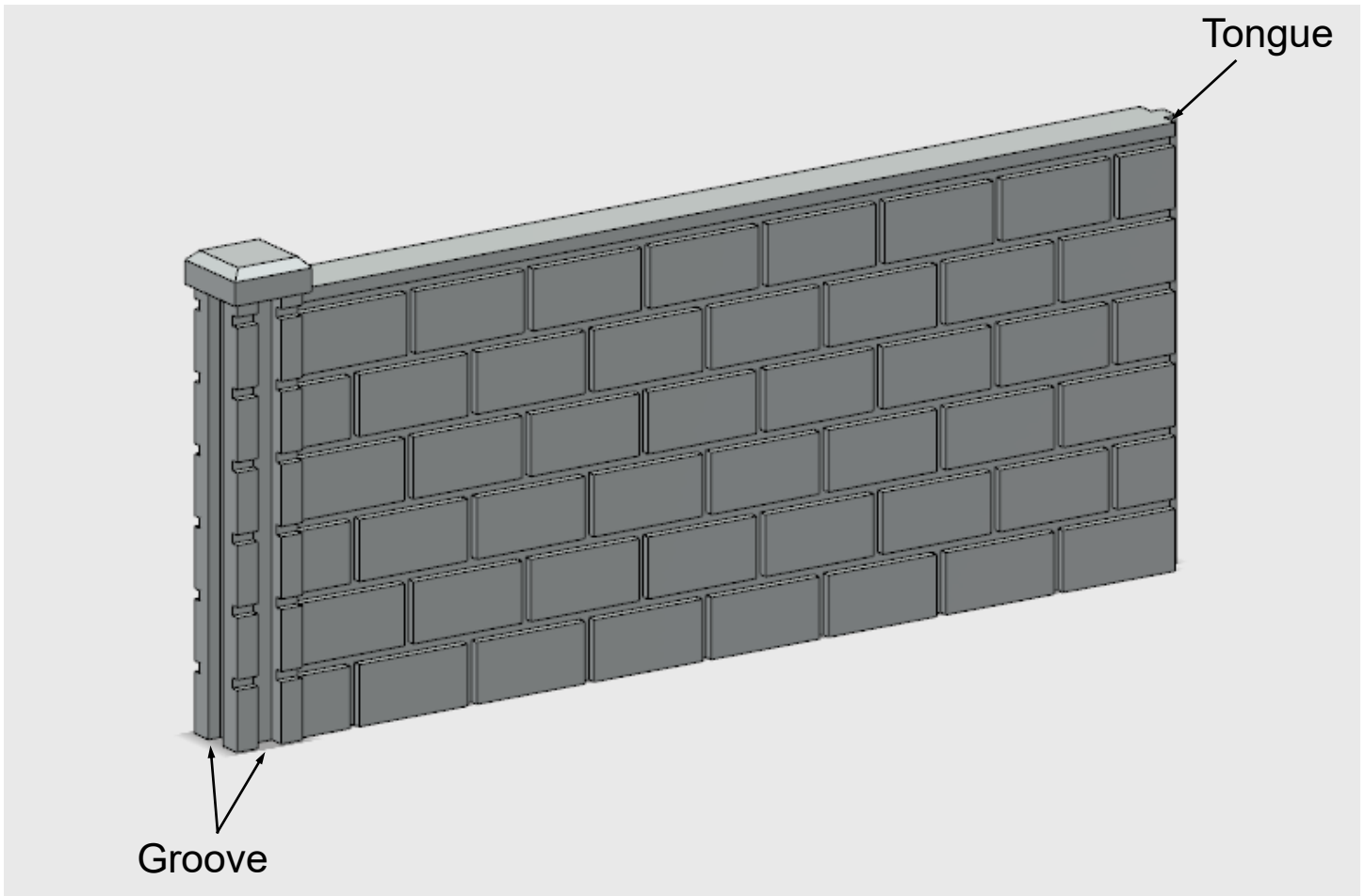
3D printed, HO scale (187) plastic model, made to resemble a 5 ft. tall block wall section. Available in 3-lengths: Long (2.08"), Medium (1.59") and Short (0.79"). Each section has an integral capped column with an interconnecting groove at one end and a tongue (flange) at the other end. Available in various quantities.

Refer to diagram on Pages-1 and 4

5 ft. HO Scale Block Wall System

Inline Wall Intersections

Parts BWJ-010 - BWJ-015

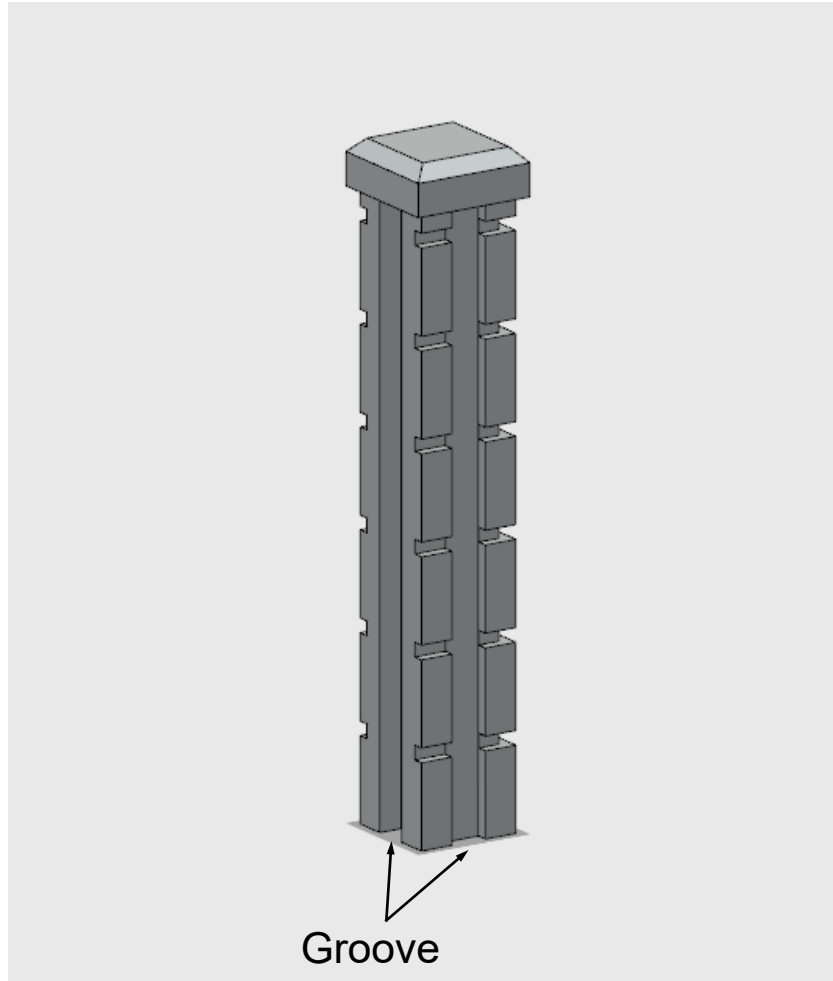


3D printed, HO scale (187) plastic model, made to resemble a 5 ft. tall block wall intersection. Available in 3-lengths: Long (2.08"), Medium (1.59") and Short (0.79"). Each section has an integral capped column with an interconnecting groove at one end, a groove on the adjacent side and a tongue (flange) at the other end. Available in various quantities.

Refer to Page-4 for assembly diagram.

5 ft. HO Scale Block Wall System

Individual 90 Degree Corner Column Part BWJ-016

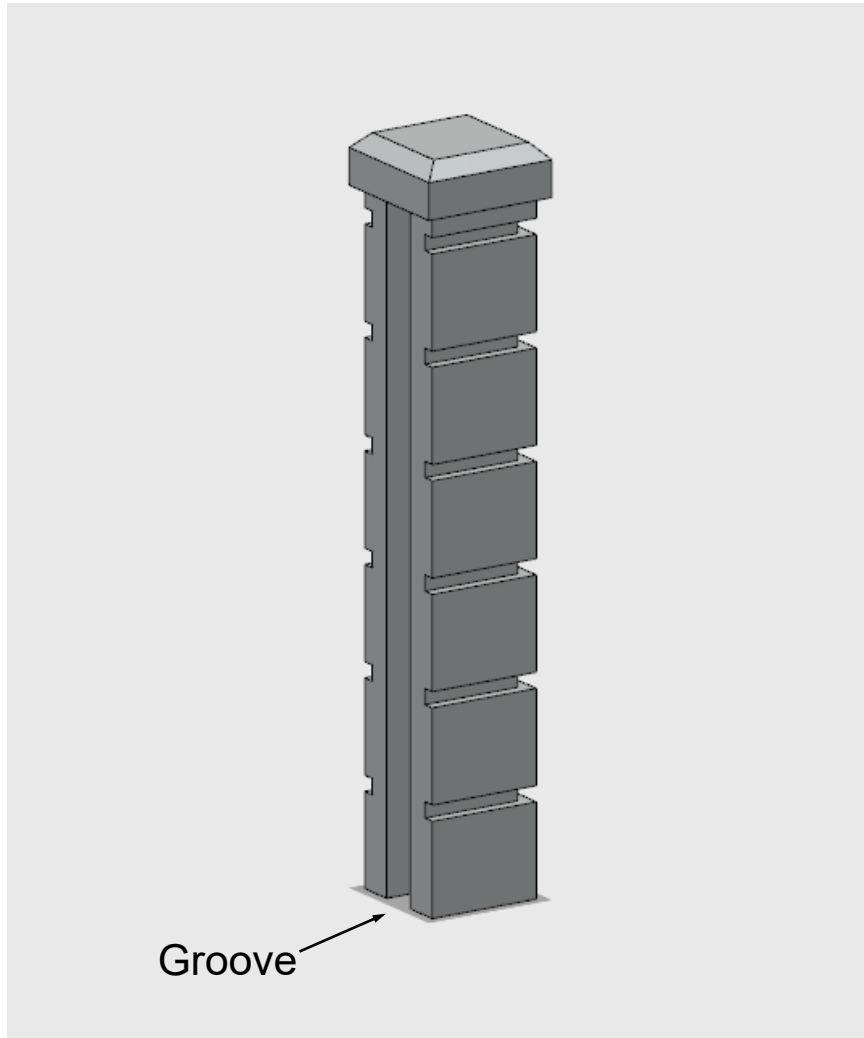


3D printed, HO scale (187) plastic model, made to resemble a 5 ft. tall block wall single corner column. Each column has an integral cap with grooves on 2-adjacent sides. Used for Corners.

Refer to Page-4 for assembly diagram.

5 ft. HO Scale Block Wall System

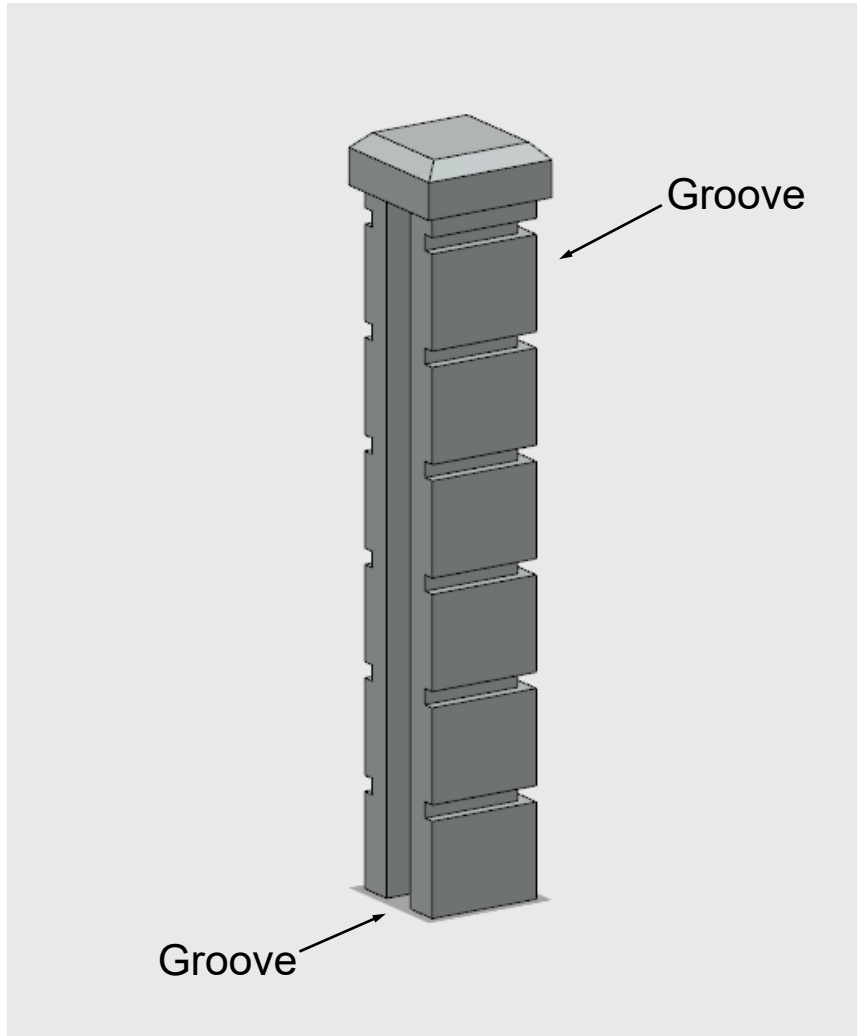
Individual End Column Part BWJ-017



3D printed, HO scale (187) plastic model, made to resemble a 5 ft. tall block wall single column. Each column has an integral cap with groove on one side only. Used as a wall end column.

5 ft. HO Scale Block Wall System

Individual Inline Splice Column Part BWJ-018

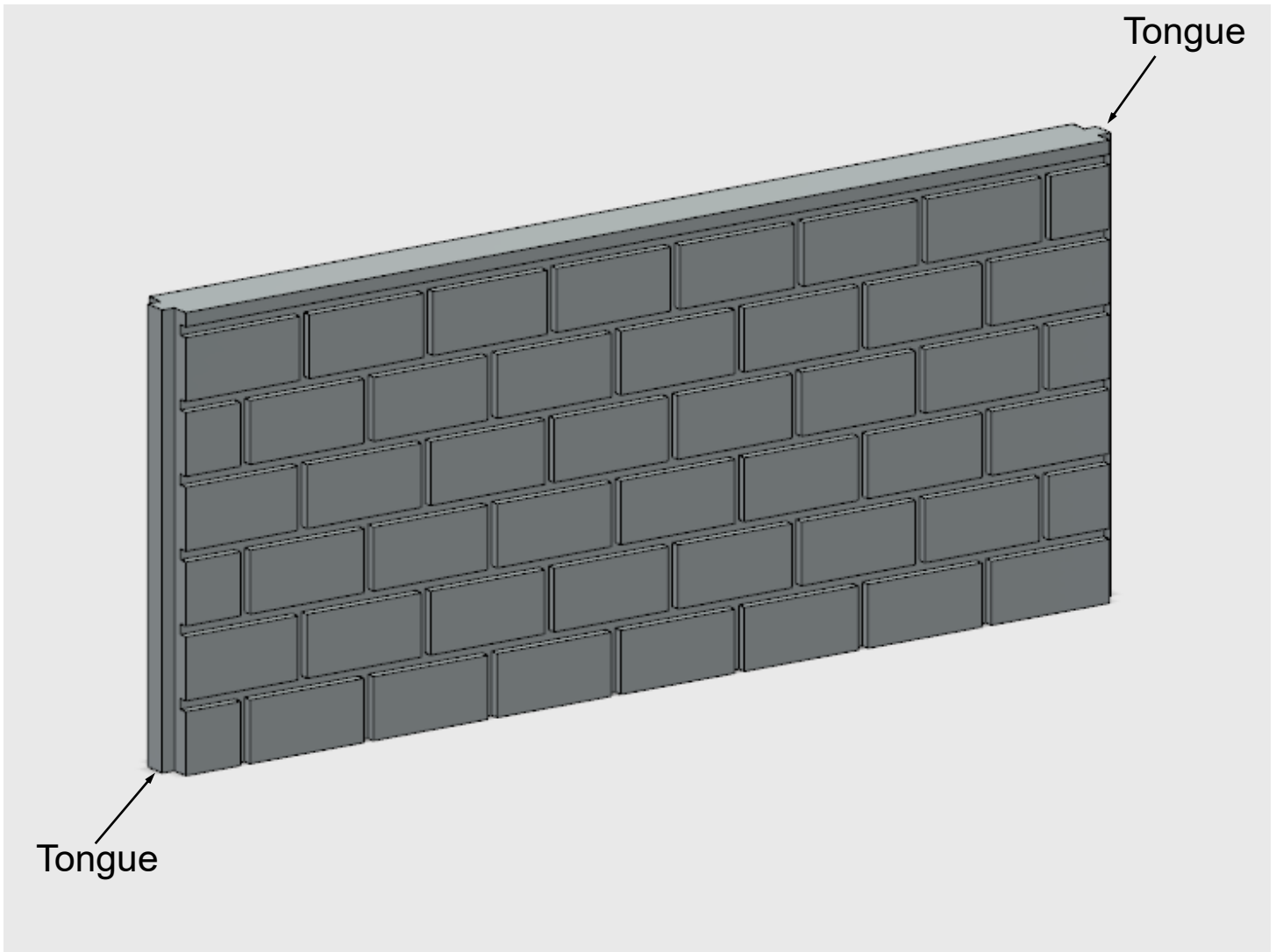


3D printed, HO scale (187) plastic model, made to resemble a 5 ft. tall block wall single column. Each column has an integral cap with grooves on opposite sides. Used to splice inline male walls sections together.

Refer to Page-4 for assembly diagram.

5 ft. HO Scale Block Wall System

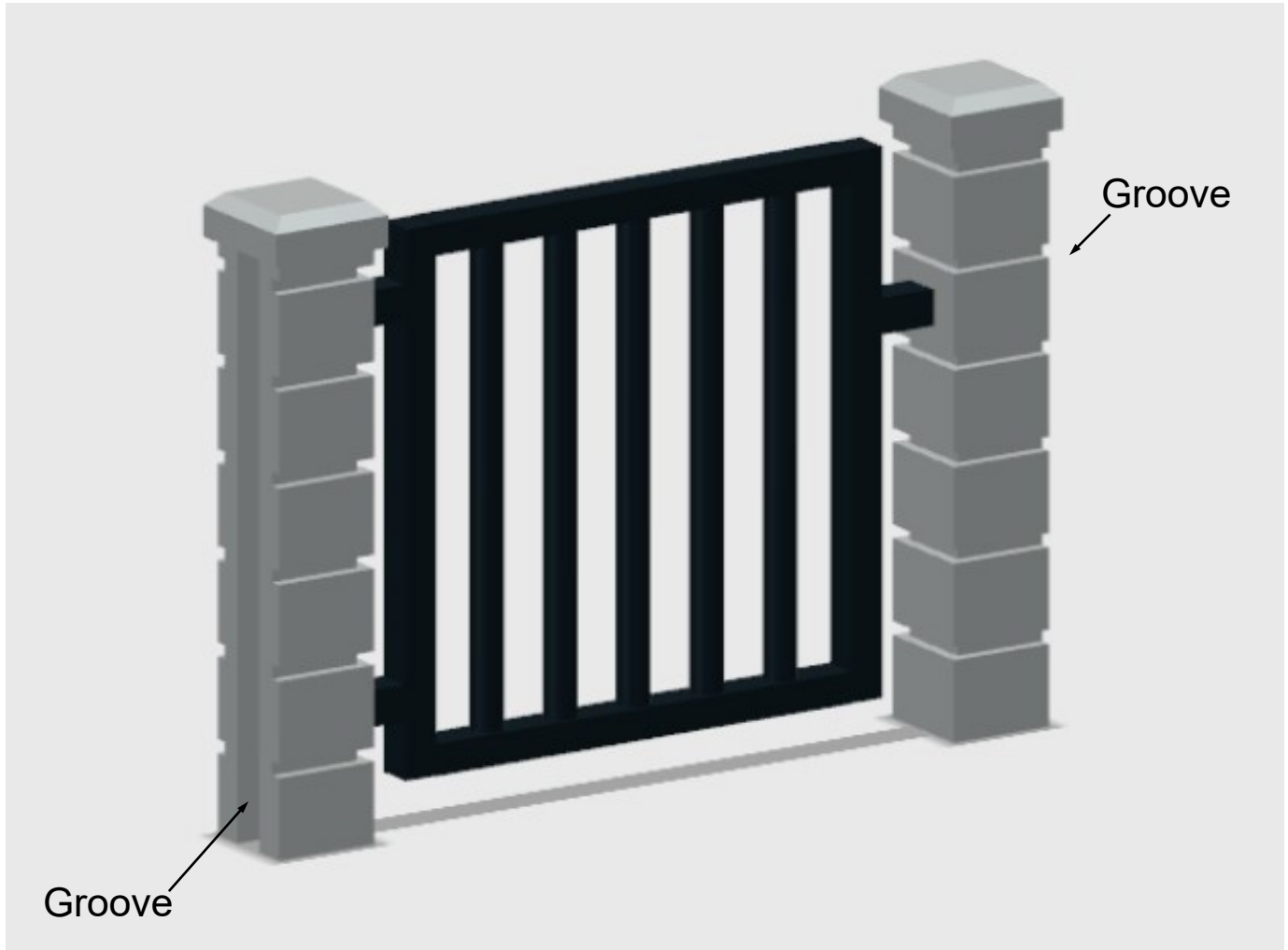
Inline Male Wall Sections
Parts BWJ-019 - BWJ-027



3D printed, HO scale (187) plastic model, made to resemble a 5 ft. tall block wall section. Available in 3-lengths: Long (1.97"), Medium (1.48") and Short (0.68"). Each section has a tongue (flange) at each end. Available in various quantities. Used as field wall sections and individual columns.

5 ft. HO Scale Block Wall System

Rod-Iron Man Gate Parts BWJ-028



3D printed, HO scale (187) plastic model, made to resemble a rod-iron man gate between 2-block wall columns.

Refer to diagram on Page-1

5 ft. HO Scale Block Wall System

Rod-Iron Man Gate with Extended Design Parts BWJ-029

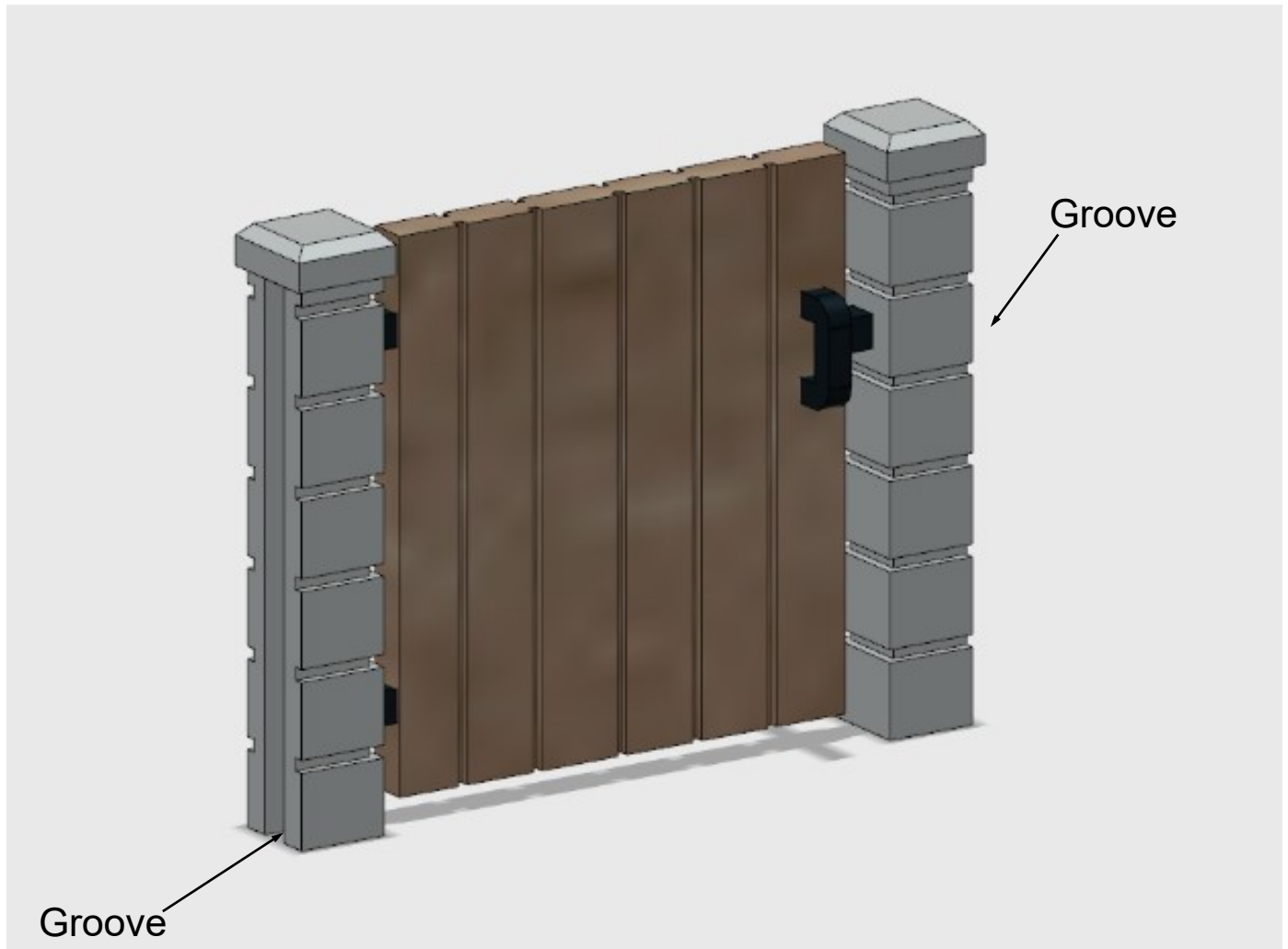


3D printed, HO scale (187) plastic model, made to resemble a rod iron man gate with an extended design between 2-block wall columns.

Refer to diagram on Page-1

5 ft. HO Scale Block Wall System

Wooden Man Gate Part # BWJ-030



3D printed, HO scale (187) plastic model, made to resemble a wooden man gate between 2-block wall columns.

Refer to diagram on Page-1

5 ft. HO Scale Block Wall System

Rod Iron Vehicle Gate Part # BWJ-031

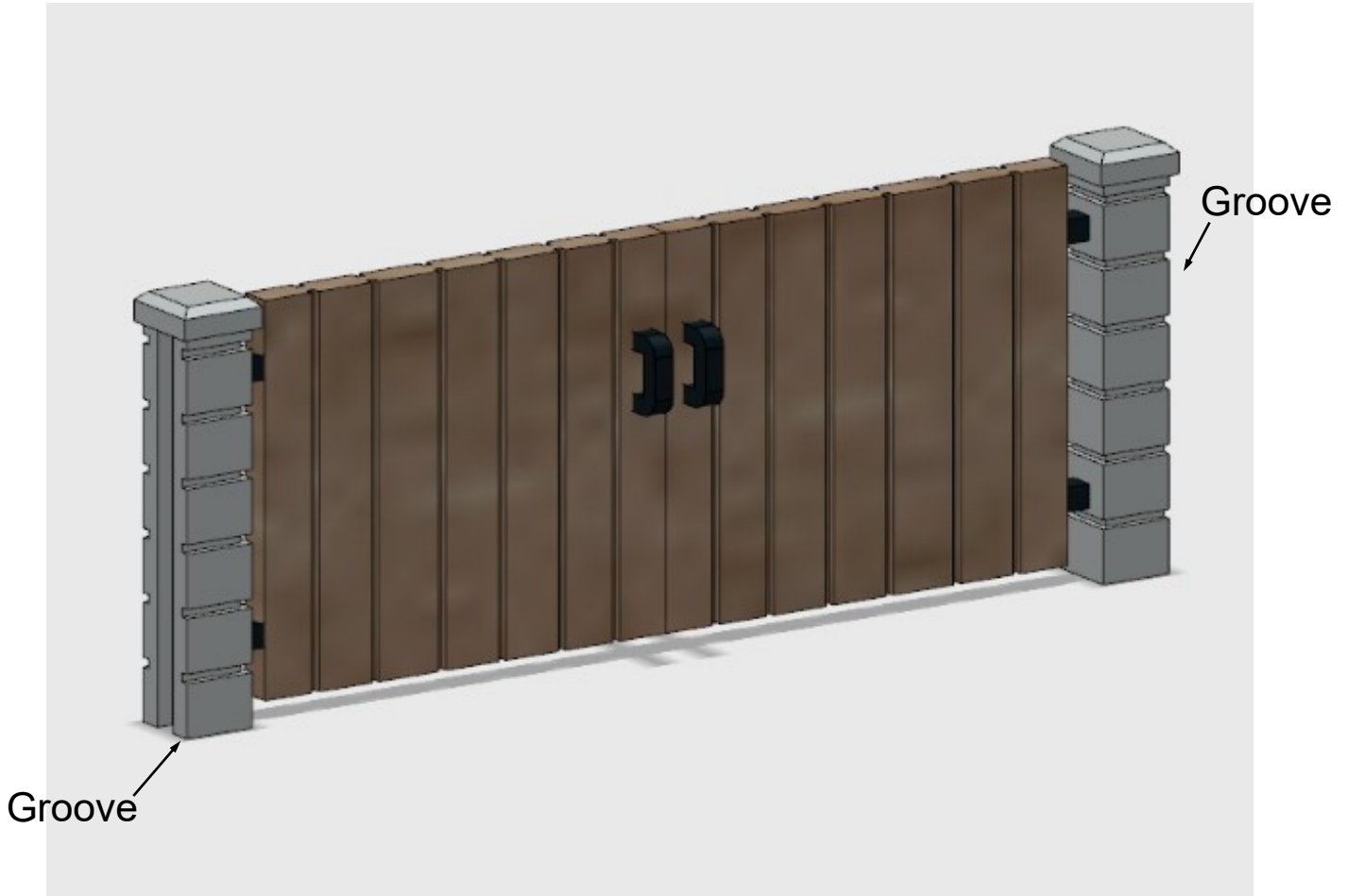


3D printed, HO scale (187) plastic model, made to resemble a Rod Iron Vehicle gate between 2-block wall columns.

Refer to diagram on Page-1

5 ft. HO Scale Block Wall System

Wooden Vehicle Gate Part # BWJ-032

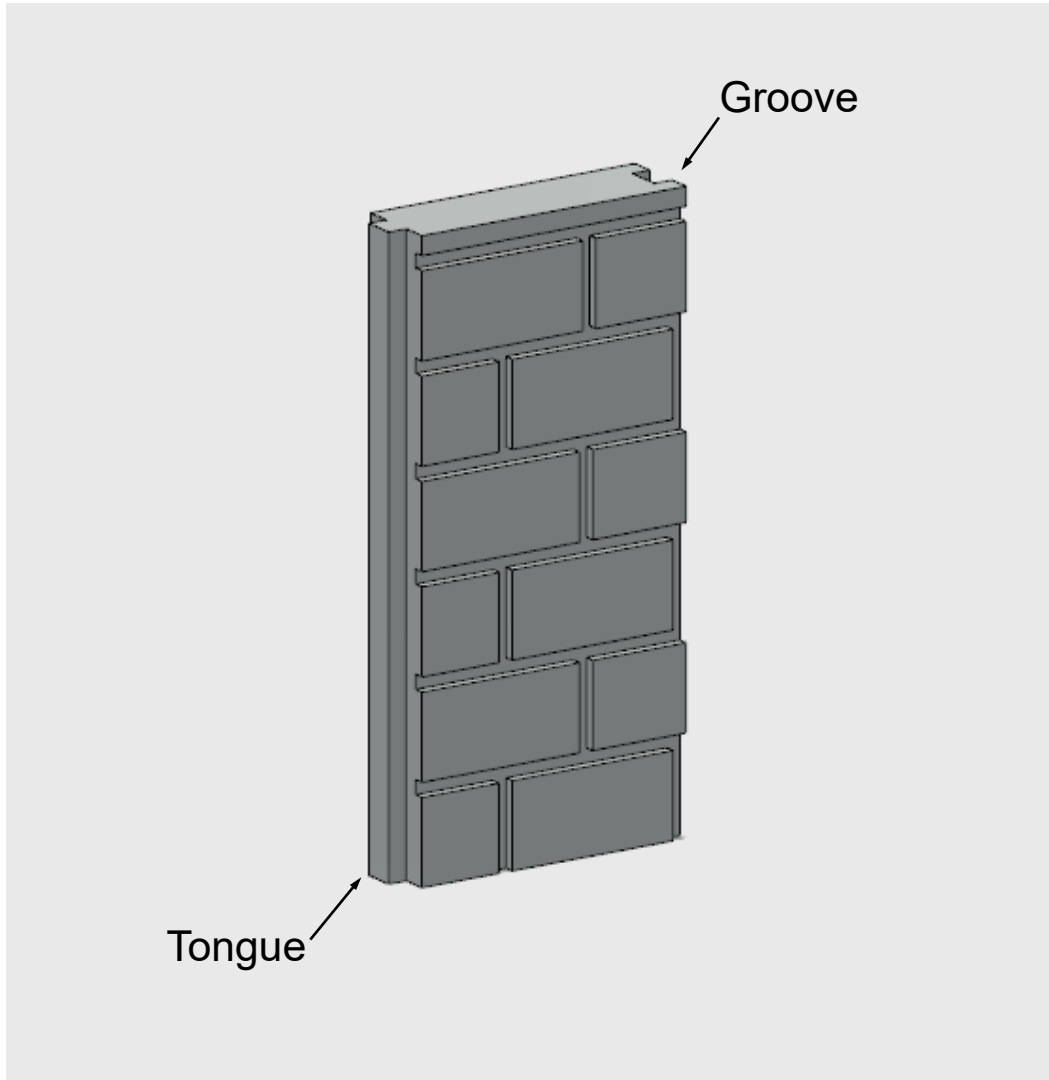


3D printed, HO scale (187) plastic model, made to resemble a Wooden Vehicle gate between 2-block wall columns.

Refer to diagram on Page-1

5 ft. HO Scale Block Wall System

Wall Filler Sections Part # BWJ-033

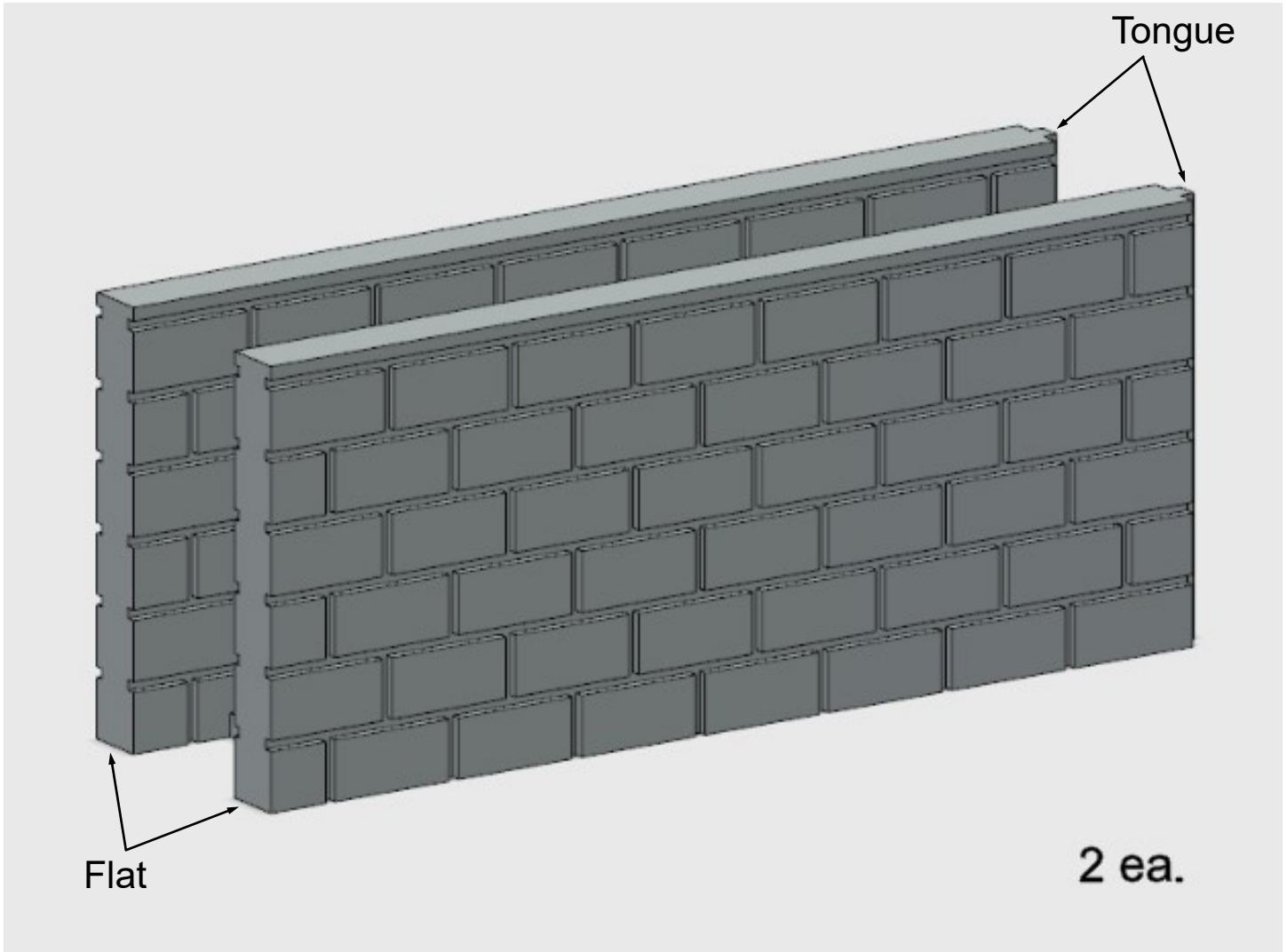


3D printed, HO scale (187) plastic model, made to resemble a 5 ft. Block Wall Filler (Extension) Section. Used to extend a wall section “just a tad.” 0.301” or a little less than 5/16”. 8 sections per set.

5 ft. HO Scale Block Wall System

Butt Wall Sections

Part # BWJ-033 - BWJ-037



3D printed, HO scale (187) plastic model, made to resemble a 5 ft. tall block butt wall section. Available in 3-lengths: Long (1.97"), Medium (1.48") and Short (0.68"). Each section is flat-faced at one end and a tongue (flange) at the other end. Available in quantities of two.

Refer to diagram on Page-1