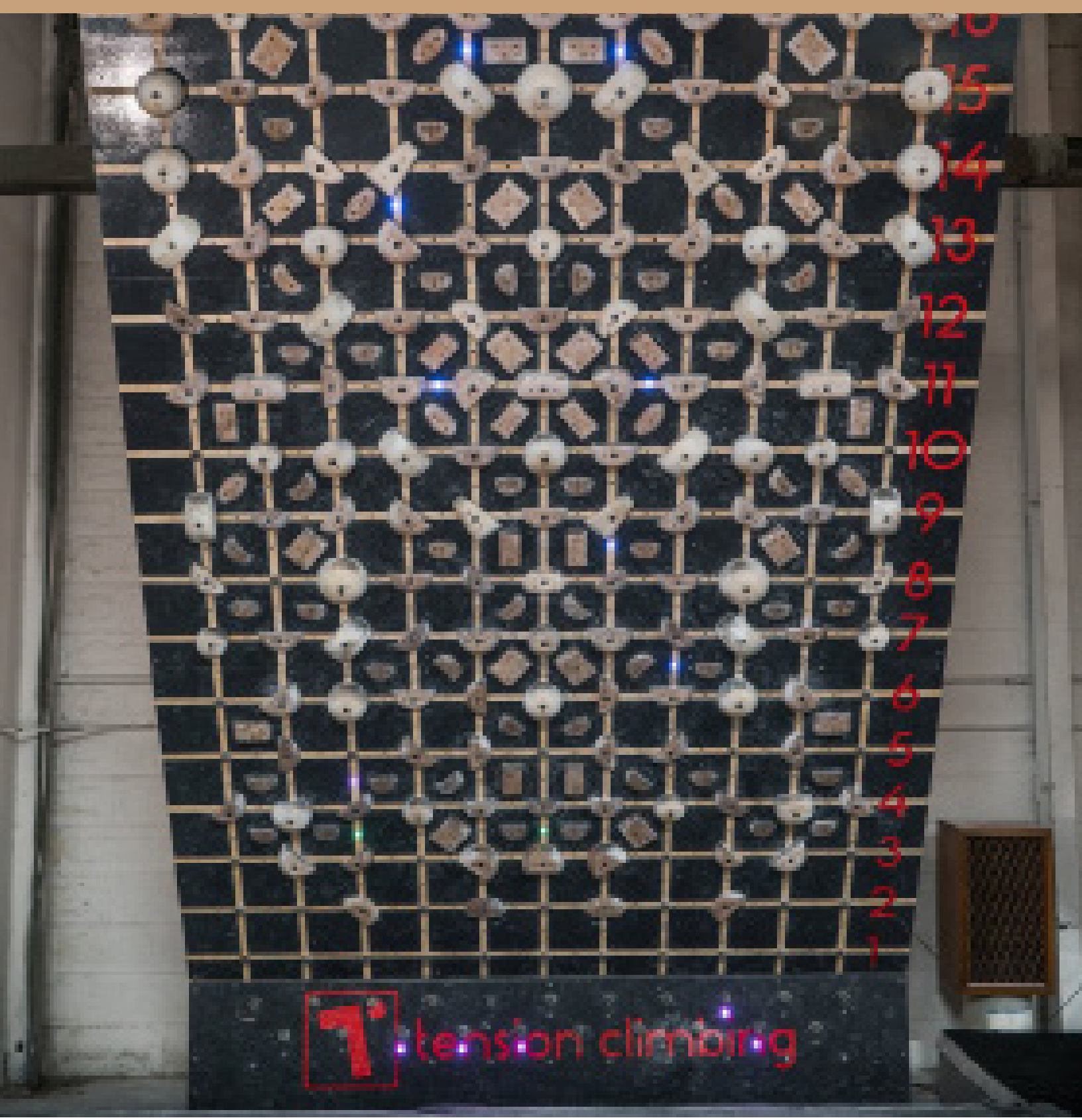


tension board

installation guide



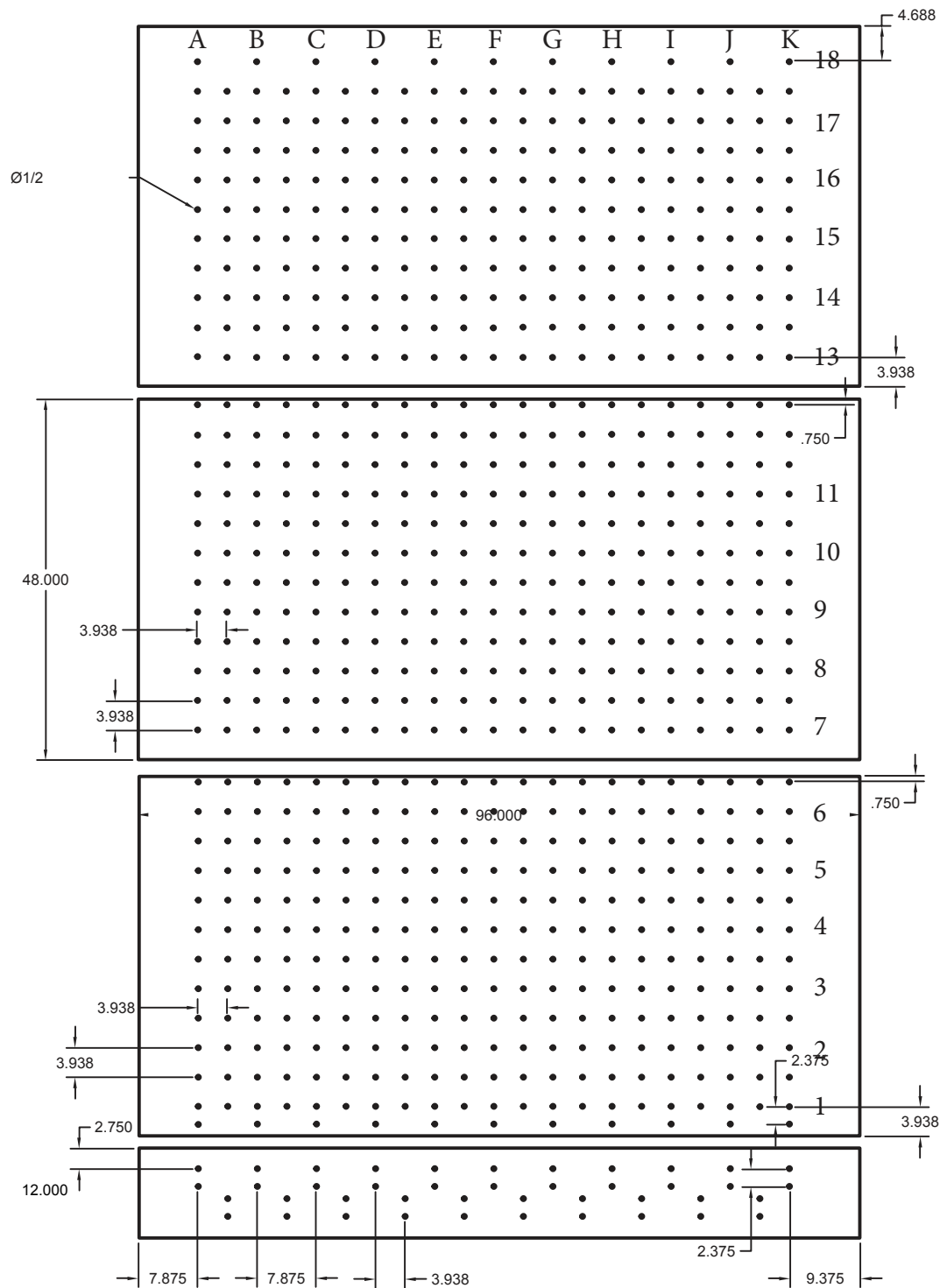
tension climbing

tension board

installation guide



PANEL OVERVIEW (in)

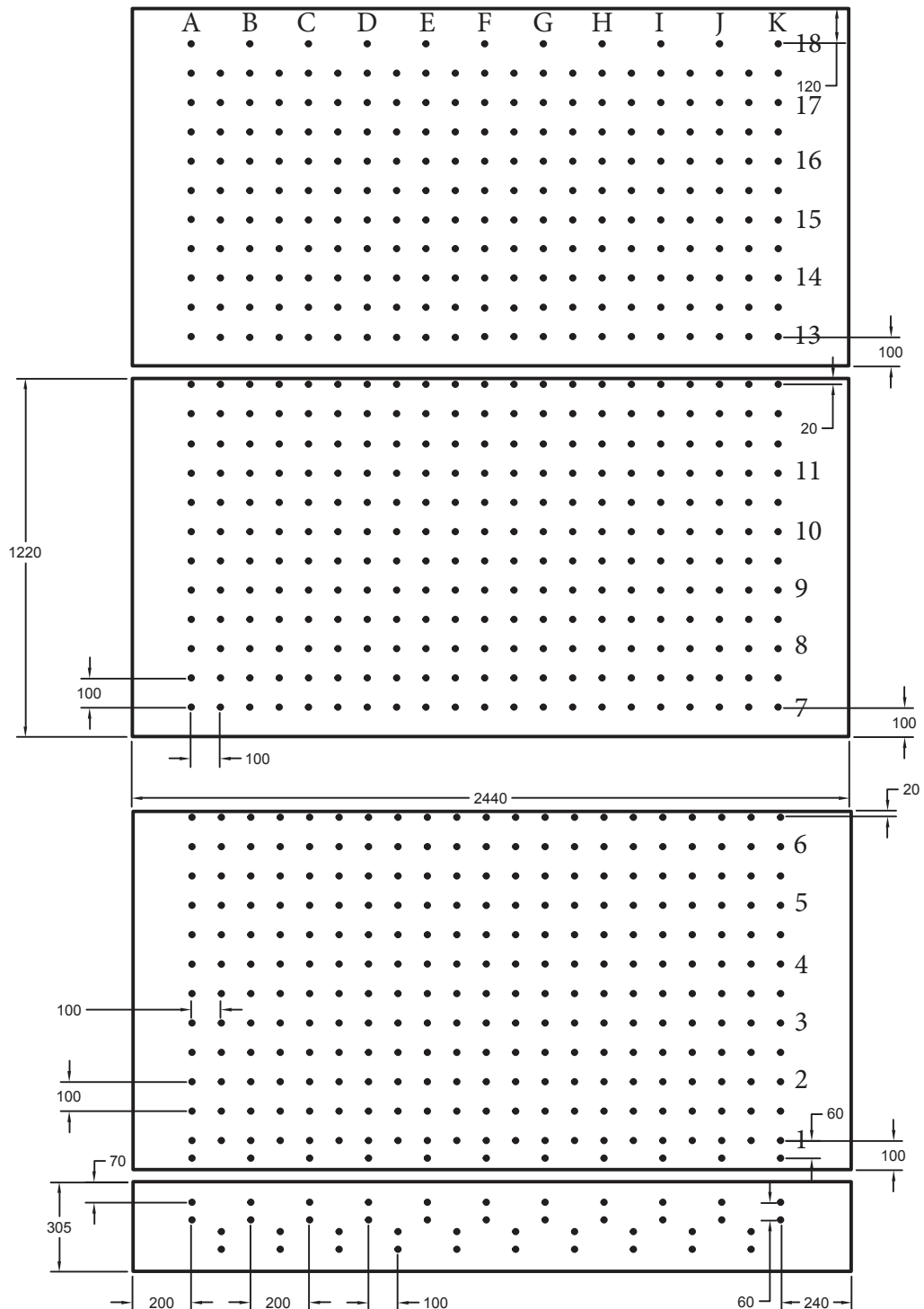


tension board

installation guide



PANEL OVERVIEW (mm)

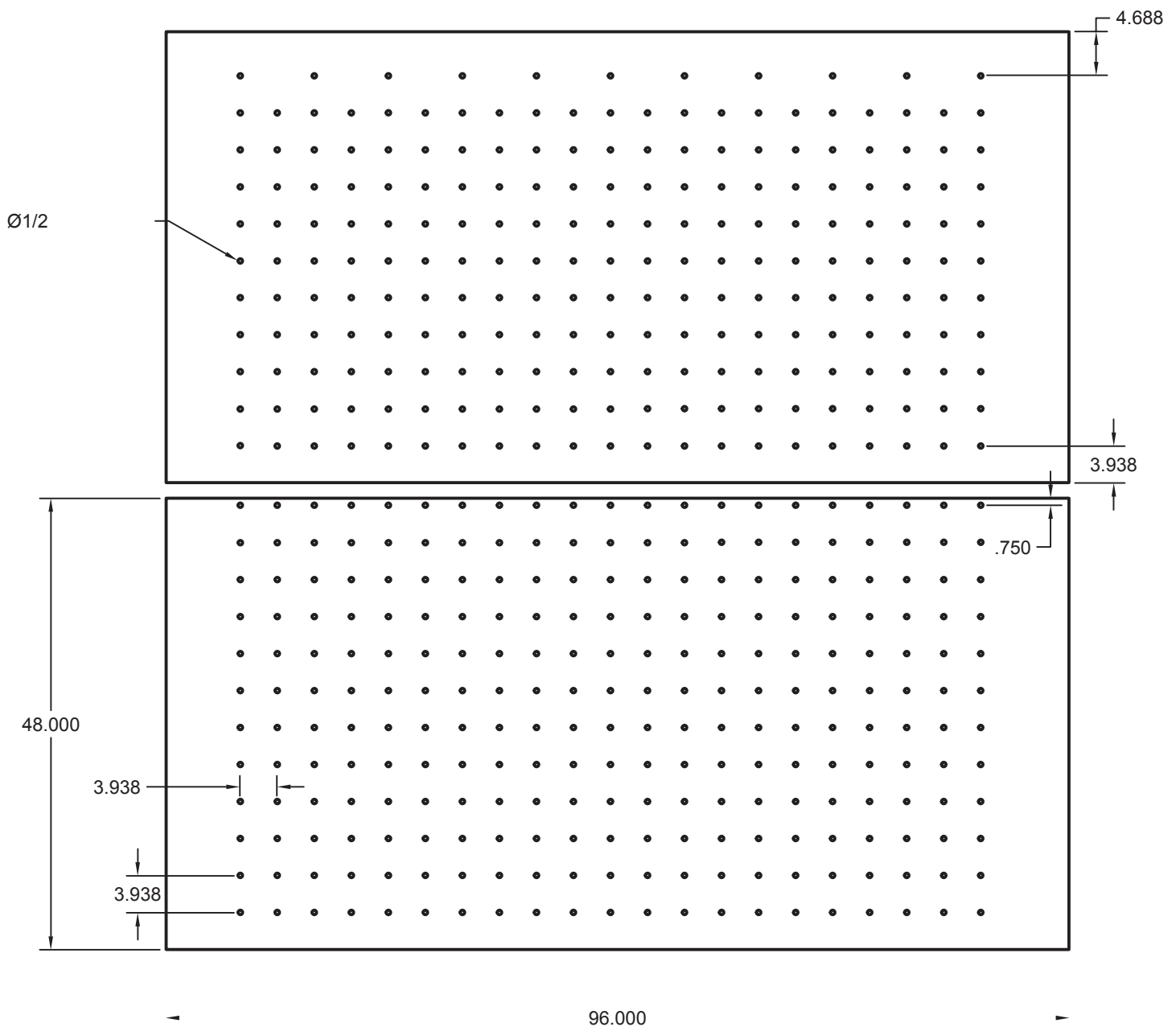


tension board

installation guide



T-NUT/LED SPACING (in)



tension board

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T-NUT/LED SPACING (in)

All holes should be drilled as detailed in the included drawing. T-nut and LED holes may be drilled at .5in. T-nuts are to be installed for the Set A, B, C, and Foothold positions. LED holes are located beneath each T-nut hole.

The Tension Board can be built in the following dimensions:

8ft x 12ft with kickboard

Columns A-K | Rows 1-18 | KB1&2

8ft x 10ft without kickboard

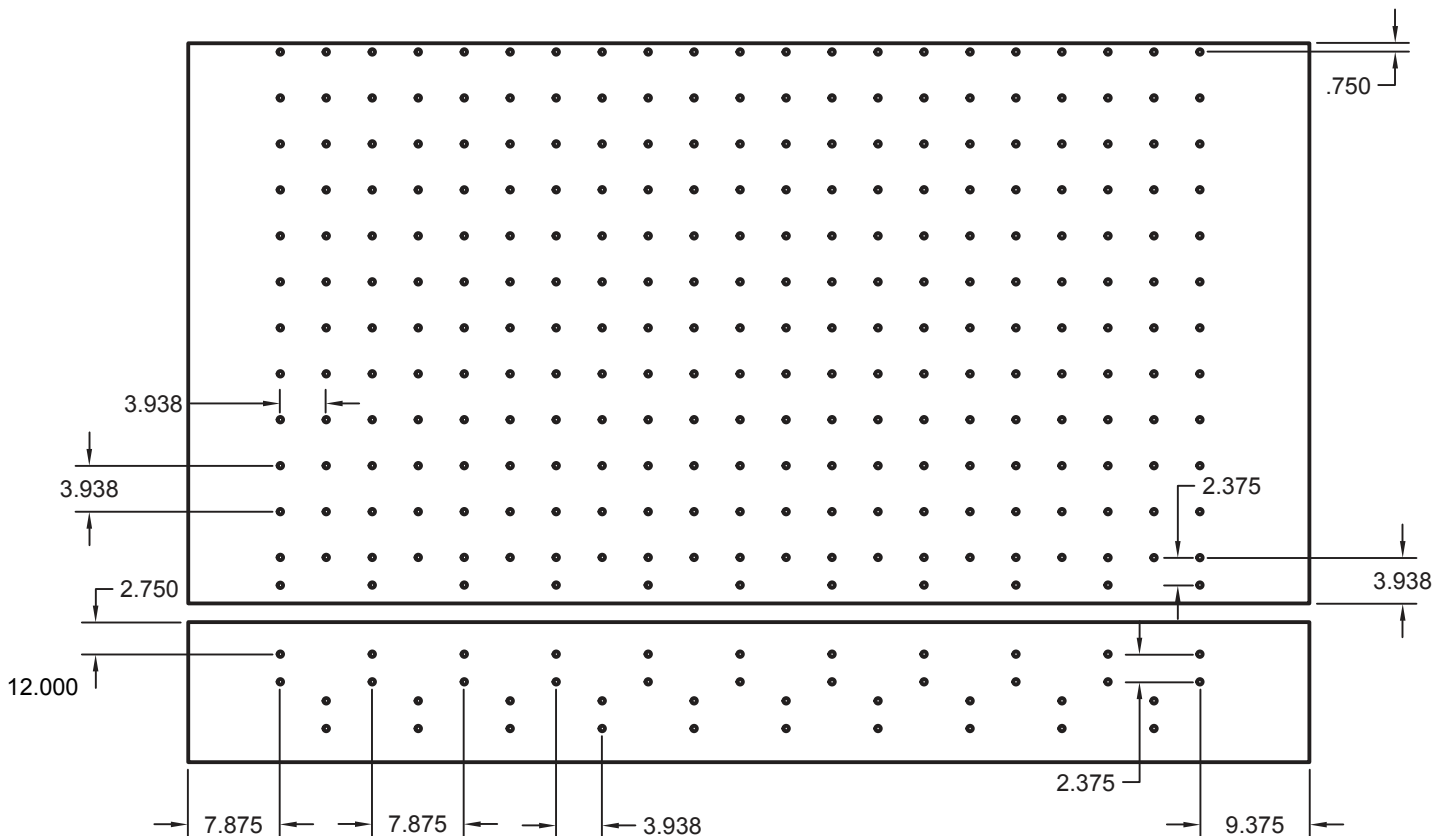
Columns A-K | Rows 1-15

8ft x 12ft without kickboard

Columns A-K | Rows 1-18

5ft x 10ft without kickboard

Columns B.5-I.5 | Rows 1-15

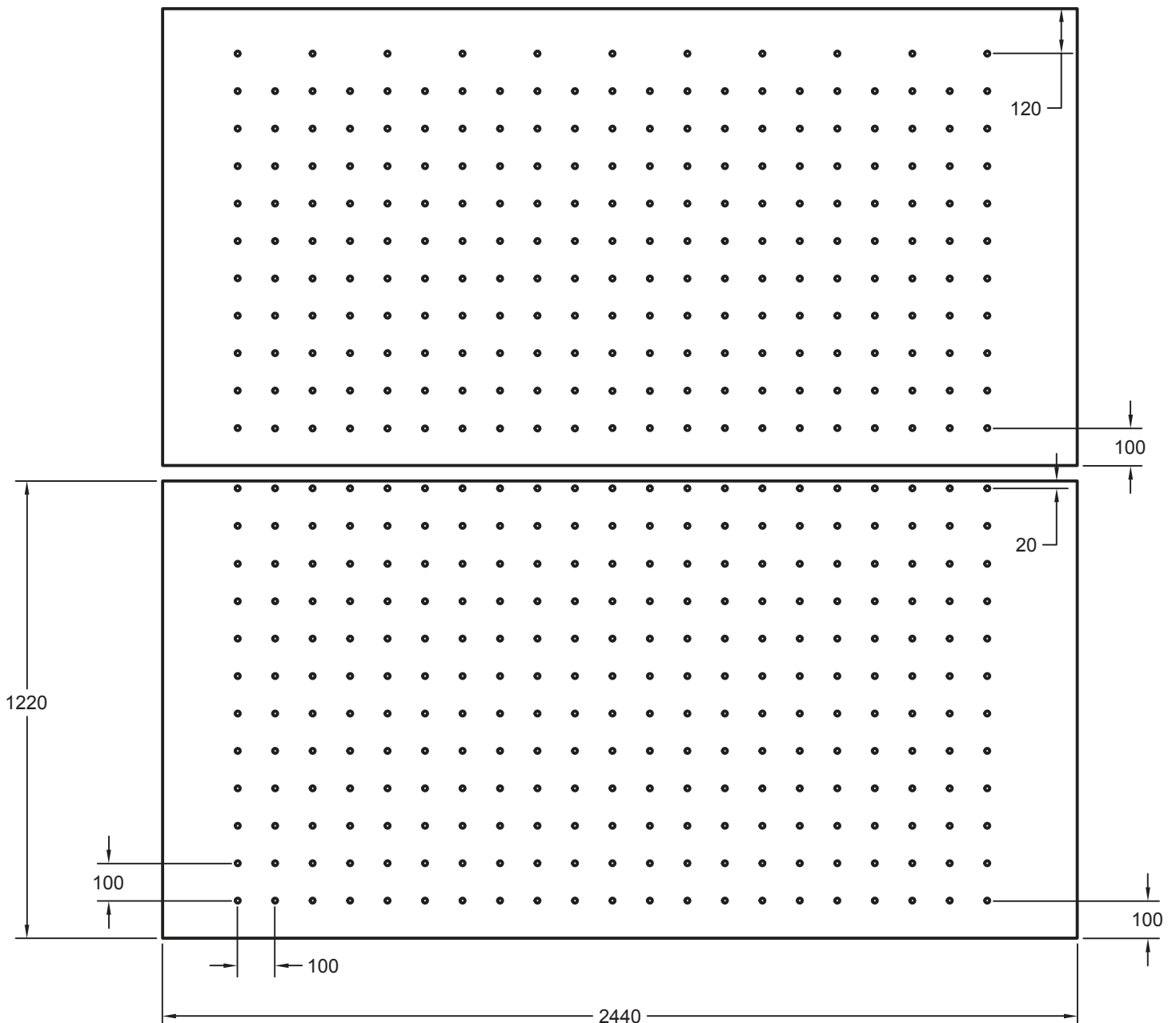


tension board

installation guide



T-NUT/LED SPACING (mm)



tension board

installation guide



T-NUT/LED SPACING (mm)

All holes should be drilled as detailed in the included drawing. T-nut and LED holes may be drilled at 13mm. T-nuts are to be installed for the Set A, B, C, and Foothold positions. LED holes are located beneath each T-nut hole.

The Tension Board can be built in the following dimensions:

8ft x 12ft with kickboard

Columns A-K | Rows 1-18 | KB1&2

8ft x 10ft without kickboard

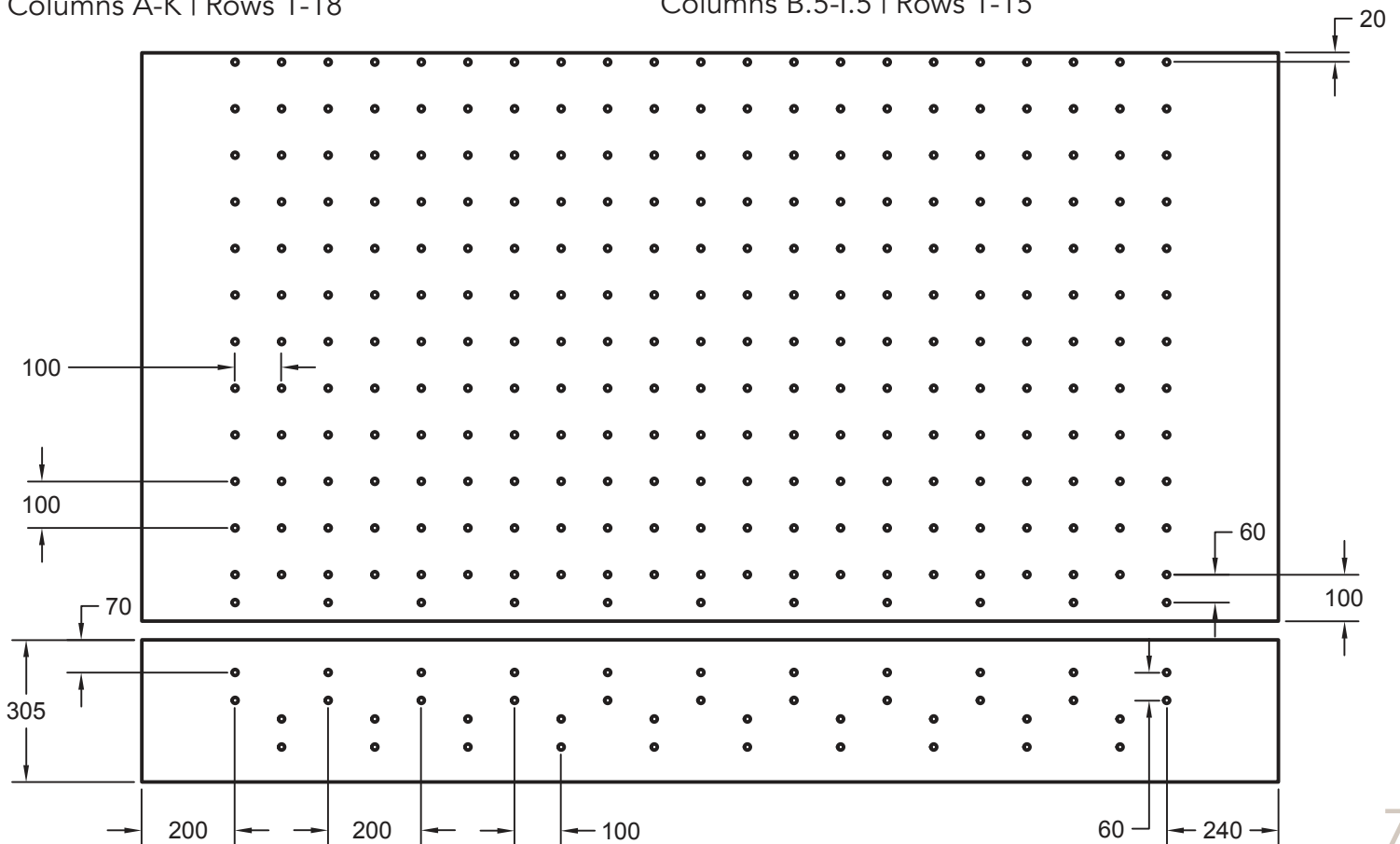
Columns A-K | Rows 1-15

8ft x 12ft without kickboard

Columns A-K | Rows 1-18

5ft x 10ft without kickboard

Columns B.5-I.5 | Rows 1-15



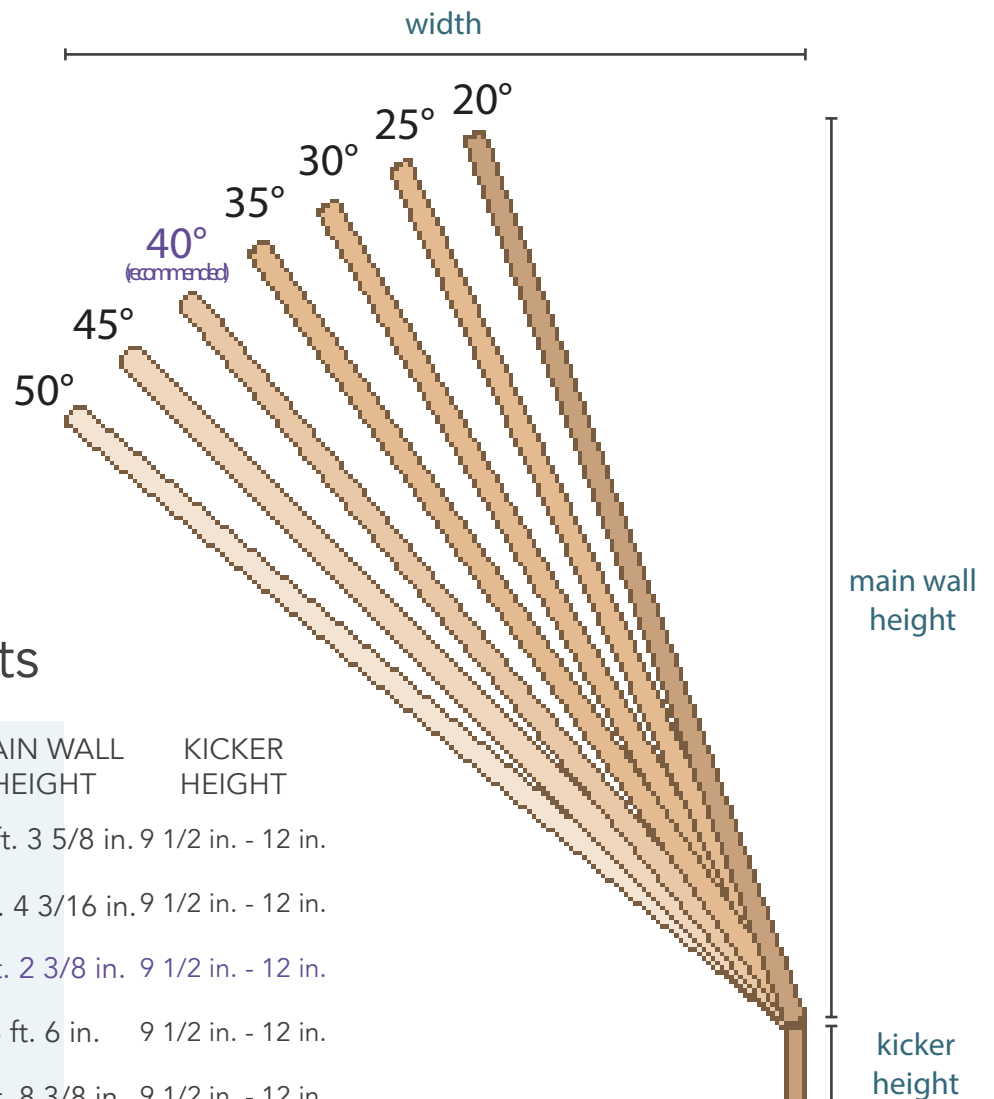
tension board

installation guide



VARIABLE ANGLE

The Tension Board and the Tension Board app function with either an adjustable or a fixed angle wall. Whether you build an adjustable or a fixed angle wall, we recommend consulting with a professional to insure that your wall is structurally sound and that you have properly installed a proper padding system.



8x12 Wall Heights

ANGLE	WIDTH	MAIN WALL HEIGHT	KICKER HEIGHT
20°	4 ft. 1 3/16 in.	11 ft. 3 5/8 in.	9 1/2 in. - 12 in.
30°	6 ft.	10 ft. 4 3/16 in.	9 1/2 in. - 12 in.
40°	7 ft. 8 3/8 in.	9 ft. 2 3/8 in.	9 1/2 in. - 12 in.
45°	8 ft. 6 in.	8 ft. 6 in.	9 1/2 in. - 12 in.
50°	9 ft. 2 3/8 in.	7 ft. 8 3/8 in.	9 1/2 in. - 12 in.

tension board

installation guide



HOLDS OVERVIEW

Finger Bucket (s)
FBS



Finger Bucket (m)
FBM



Finger Bucket (l)
FBL



Finger Bucket (xl)
FBXL



30° Edge (s)
30S



30° Edge (m)
30M



30° Edge (l)
30L



Large Crimp (s)
LCS



Large Crimp (m)
LCM



Large Crimp (d)
LCD



Flat Edge (s)
FLTS



Flat Edge (m)
FLTM



Round Edge (s)
RES



Round Edge (m)
REM



Round Edge (l)
REL



Straight Pinch
STP



Tapered Pinch (i)
TPMI



Brick Pinch (s)
BPS



Brick Pinch (l)
BPL



Shal. Pinch (w)
SHPW



Shal. Pinch (n)
SHPN



Shal. Pinch (e)
SHPE



Small Crimp (cv)
SCV



Small Crimp (cc)
SCC



4" Knob
4



5" Ball (incut)
5I



5" Ball (mod.inc)ut
5



6" Sloper
6



Incut Foot



Sloper Foot



tension board

installation guide



SET A

A / K

- 16 Finger Bucket (l)
- 15 Jug Ball
- 13 Tapered Pinch (m)
- 11 Finger Bucket (m)
- 8 Large Crimp (d)

C / I

- 15 Finger Bucket (s)
- 13 Jug Ball
- 12 Tapered Pinch (m)
- 10 Jug Ball
- 7 Tapered Pinch (m)
- 4 Large Crimp (m)
- 3 Finger Bucket (s)

E / G

- 17 Tapered Pinch (m)
- 16 30° Edge (m)
- 14 Large Crimp (m)
- 12 Large Crimp (d)
- 11 Finger Bucket (l)
- 10 Finger Bucket (m)
- 7 Finger Bucket (l)
- 4 Finger Bucket (s)
- 3 Finger Bucket (xl)

B / J

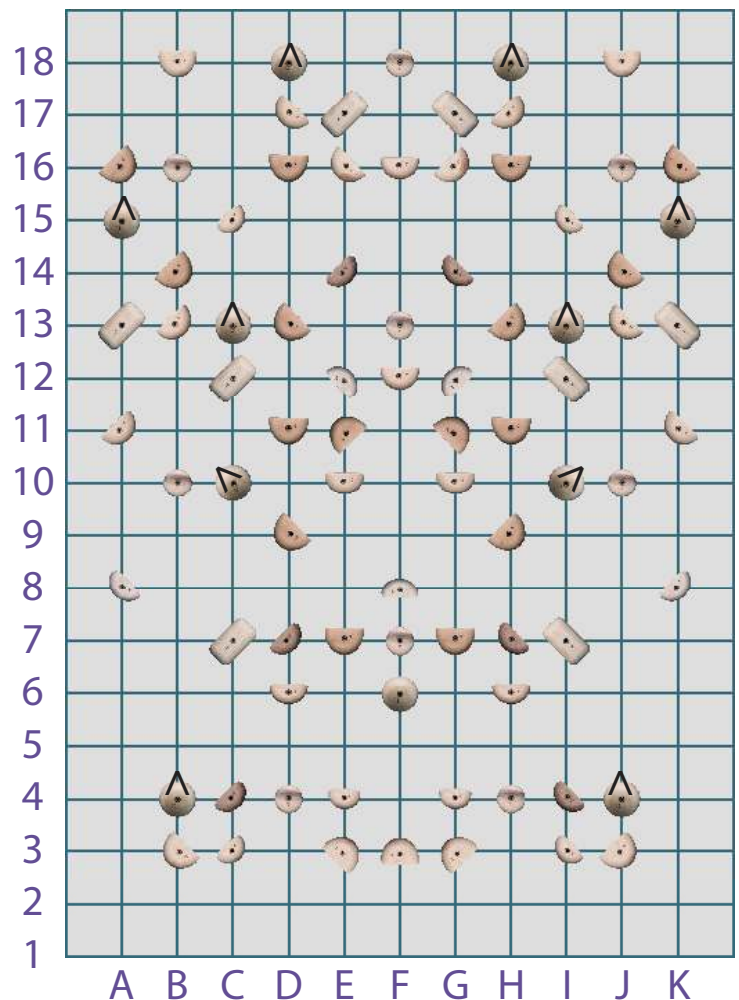
- 18 Finger Bucket (xl)
- 16 4" Knob
- 14 Finger Bucket (l)
- 13 30° Edge (l)
- 10 4" Knob
- 4 Jug Ball
- 3 Finger Bucket (xl)

D / H

- 18 Jug Ball
- 17 Finger Bucket (m)
- 16 Finger Bucket (l)
- 13 Finger Bucket (l)
- 11 Finger Bucket (l)
- 9 Finger Bucket (l)
- 7 Large Crimp (m)
- 6 Large Crimp (s)
- 4 4" Knob

F

- 18 4" Knob
- 16 30° Edge (l)
- 13 4" Knob
- 12 30° Edge (l)
- 8 Large Crimp (d)
- 7 4" Knob
- 6 5" Incut Ball
- 3 Finger Bucket (xl)



SUMMARY

Set A includes a higher concentration of incut holds than Set B. When combined with the Foot Holds set, Set A provides full functionality in the Tension Board app.

tension board

installation guide



SET B

A / K

- 18 Finger Bucket (s)
- 17 Large Crimp (s)
- 14 5" Ball (mod. incut)
- 12 Large Crimp (m)
- 9 Tapered Pinch (m)
- 7 4" Knob
- 4 30° Edge (m)

C / I

- 18 30° Edge (l)
- 17 Round Edge (l)
- 16 Flat Edge (m)
- 14 Large Crimp (d)
- 11 30° Edge (s)
- 9 Large Crimp (s)
- 8 6" Sloper
- 6 5" Ball (mod. incut)
- 2 Large Crimp (s)

E / G

- 18 Brick Pinch (l)
- 15 Tapered Pinch (m)
- 13 Finger Bucket (s)
- 9 Straight Pinch
- 8 Round Edge (m)
- 6 30° Edge (s)
- 5 Large Crimp (s)
- 2 Large Crimp (m)

B / J

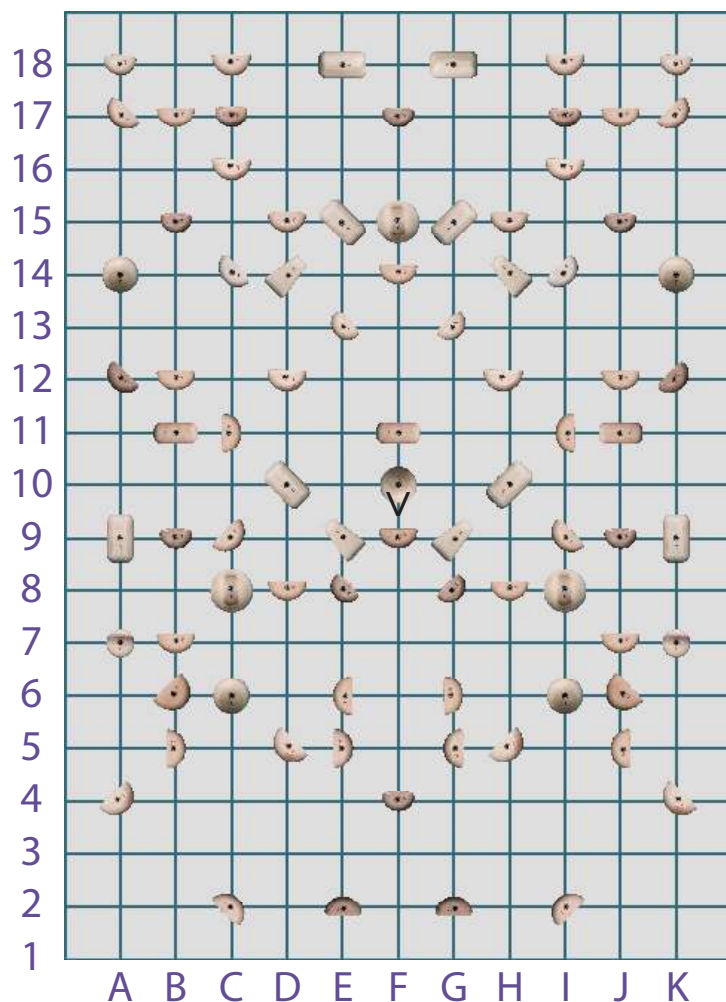
- 17 30° Edge (s)
- 15 Round Edge (m)
- 12 30° Edge (s)
- 11 Brick Pinch (s)
- 9 Round Edge (m)
- 7 30° Edge (s)
- 6 Finger Bucket (l)
- 5 30° Edge (s)

D / H

- 15 Large Crimp (s)
- 14 Straight Pinch
- 12 Flat Edge (m)
- 10 Tapered Pinch (m)
- 8 30° Edge (s)
- 5 30° Edge (m)

F

- 17 Round Edge (m)
- 15 6" Sloper
- 14 30 Edge (s)
- 11 Brick Pinch (s)
- 10 Jug Ball
- 9 Flat Edge (s)
- 4 Round Edge (m)



SUMMARY

Set B includes holds that are more difficult than Set A. When combined with the Foot Holds set, Set B provides full functionality in the Tension Board app.

tension board

installation guide



SET C

A.5 / J.5

- 10.5 Shal. Pinch (n)
- 9.5 Shal. Pinch (e)
- 8.5 Small Crimp (cc)
- 7.5 Round Edge (s)
- 5.5 Shal. Pinch (n)
- 4.5 Small Crimp (cc)
- 3.5 Round Edge (s)

C.5 / H.5

- 13.5 Shal. Pinch (e)
- 11.5 Round Edge (s)
- 6.5 Small Crimp (cv)
- 4.5 Round Edge (s)

E.5 / F.5

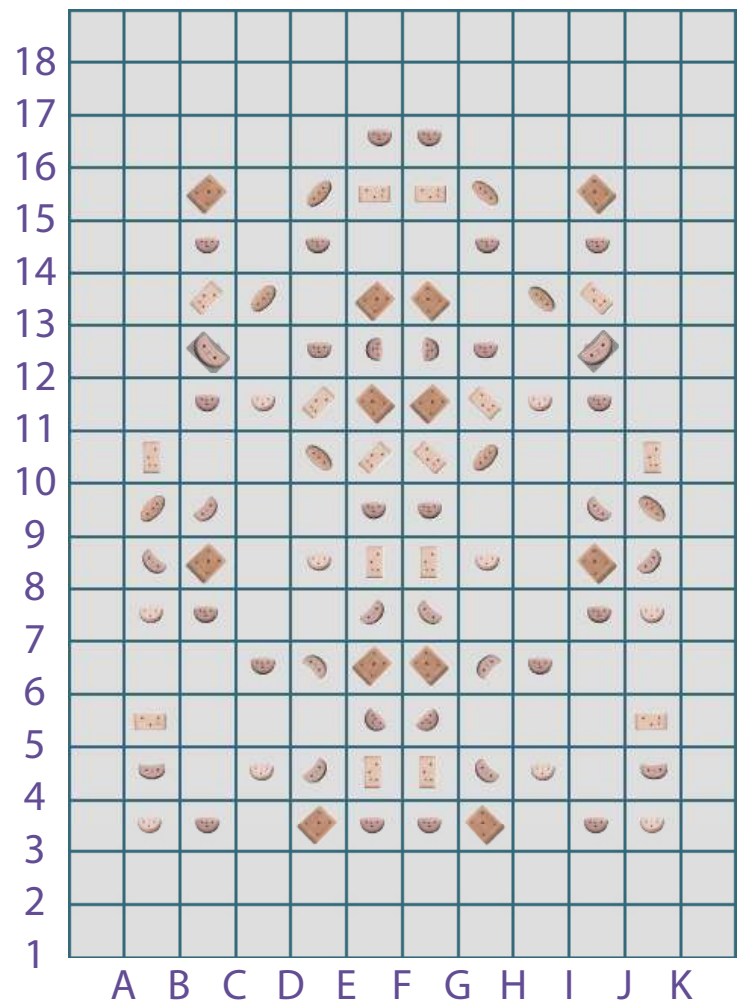
- 16.5 Small Crimp (cv)
- 15.5 Shal. Pinch (n)
- 13.5 Shal. Pinch (w)
- 12.5 Small Crimp (cv)
- 11.5 Shal. Pinch (w)
- 10.5 Shal. Pinch (n)
- 9.5 Small Crimp (cv)
- 8.5 Shal. Pinch (n)
- 7.5 Small Crimp (cc)
- 6.5 Shal. Pinch (w)
- 5.5 Small Crimp (cv)
- 4.5 Shal. Pinch (n)
- 3.5 Small Crimp (cv)

B.5 / I.5

- 15.5 Shal. Pinch (w)
- 14.5 Small Crimp (cv)
- 13.5 Shal. Pinch (n)
- 12.5 Small Crimp (cc)
- 11.5 Small Crimp (cv)
- 9.5 Small Crimp (cc)
- 8.5 Shal. Pinch (w)
- 7.5 Small Crimp (cv)
- 3.5 Small Crimp (cv)

D.5 / G.5

- 15.5 Shal. Pinch (e)
- 14.5 Small Crimp (cv)
- 12.5 Small Crimp (cv)
- 11.5 Shal. Pinch (n)
- 10.5 Shal. Pinch (e)
- 8.5 Round Edge (s)
- 6.5 Small Crimp (cc)
- 4.5 Small Crimp (cc)
- 3.5 Shal. Pinch (w)



SUMMARY

Set C includes our smallest and most difficult holds. When combined with the Foot Holds set, Set C provides full functionality in the Tension Board app. We recommend bolting on Set C with button head bolts, but it can also be installed using only screws.

tension board

installation guide



FOOT HOLD SET

MAIN WALL

A / K

- 10 Incut Foot
- 6 Incut Foot
- 5 Sloper Foot
- 3 Incut Foot
- 2 Sloper Foot
- 1 Incut Foot

C / I

- 5 Incut Foot
- 1 Incut Foot

E / G

- 1 Sloper Foot

KICKER

- A Incut Foot
- B Sloper Foot
- C Incut Foot
- D Sloper Foot
- E Incut Foot
- F Sloper Foot
- G Incut Foot
- H Sloper Foot
- I Incut Foot
- J Sloper Foot
- K Incut Foot

B / J

- 8 Incut Foot
- 2 Incut Foot
- 1 Sloper Foot

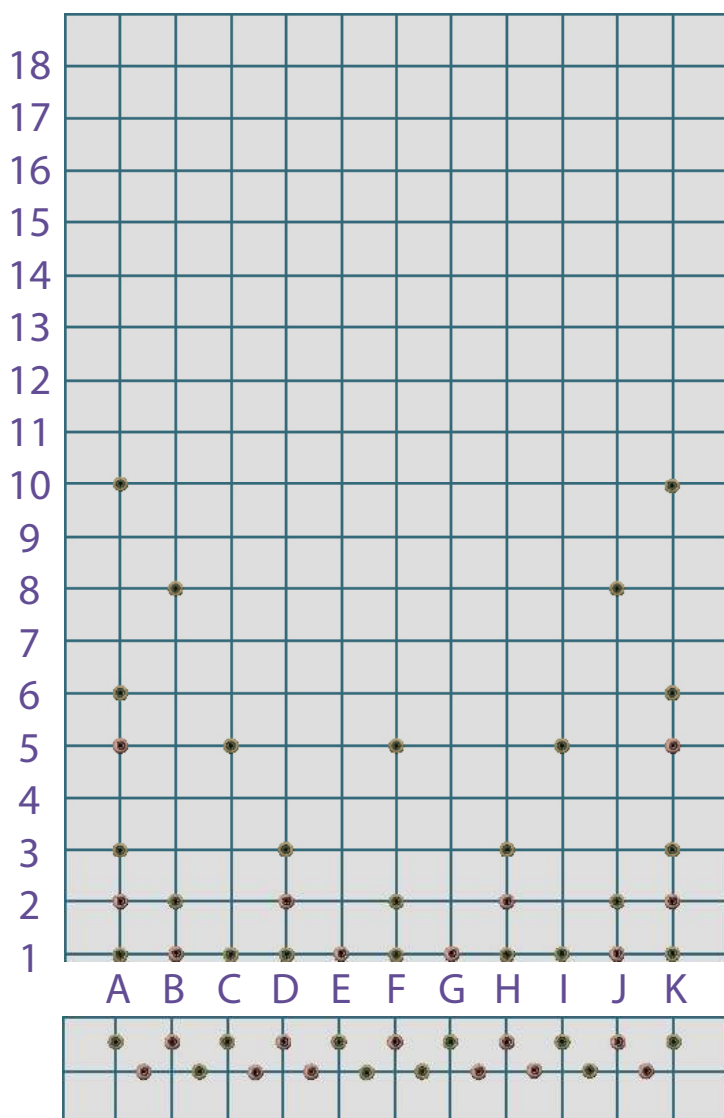
D / H

- 3 Incut Foot
- 2 Sloper Foot
- 1 Incut Foot

F

- 5 Incut Foot
- 2 Incut Foot
- 1 Incut Foot

- A.5 Sloper Foot
- B.5 Incut Foot
- C.5 Sloper Foot
- D.5 Sloper Foot
- E.5 Incut Foot
- F.5 Incut Foot
- G.5 Sloper Foot
- H.5 Sloper Foot
- I.5 Incut Foot
- J.5 Sloper Foot

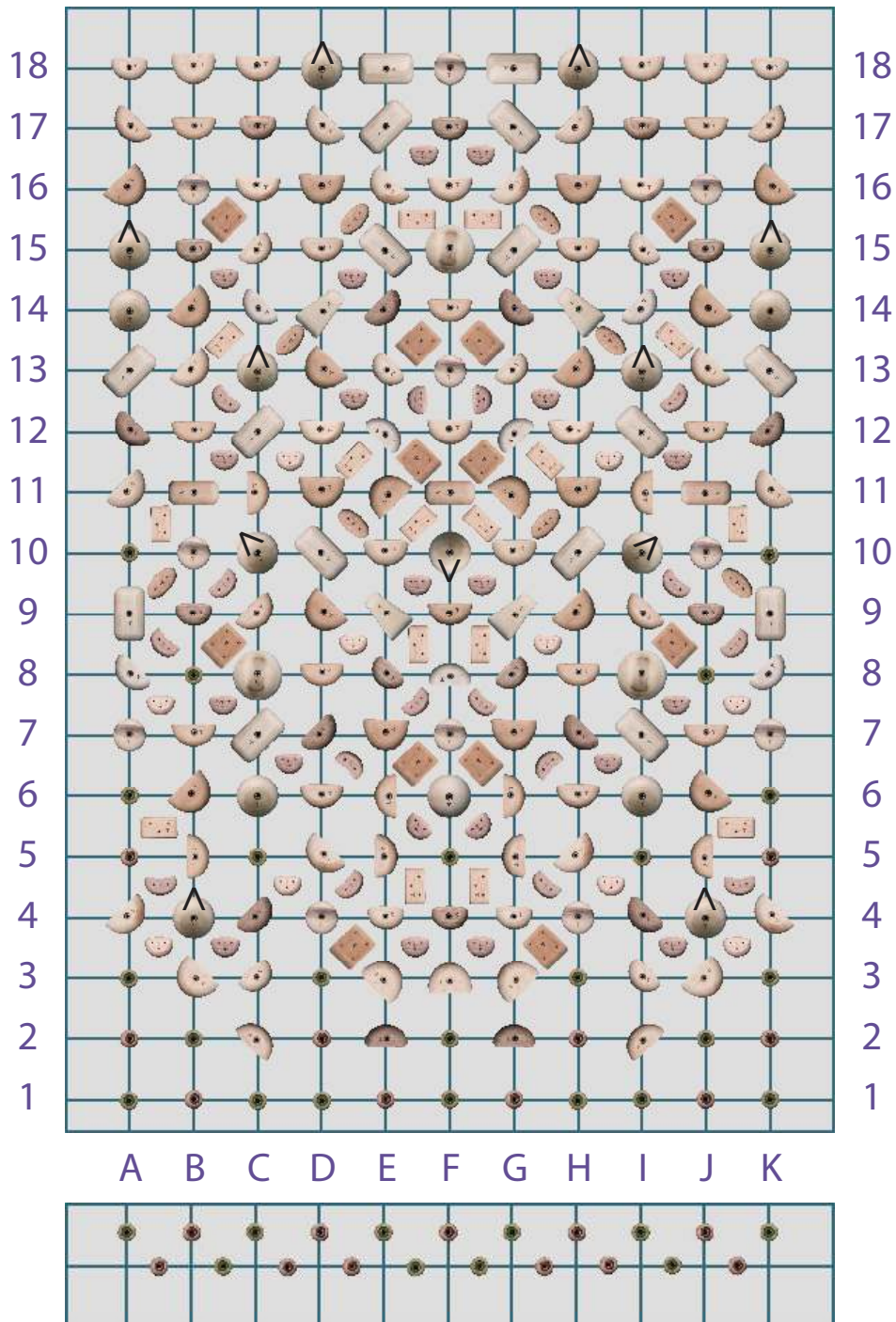


tension board

installation guide



ALL SETS



tension board

installation guide



ALL SETS

MAIN WALL

A / K

- 18 Finger Bucket (s)
- 17 Large Crimp (s)
- 16 Finger Bucket (l)
- 15 Jug Ball
- 14 5" Ball (mod. incut)
- 13 Taper Pinch (m) incut
- 12 Large Crimp (m)
- 11 Finger Bucket (m)
- 10 Incut Foot
- 9 Taper Pinch (m) incut
- 8 Large Crimp (d)
- 7 4" Knob
- 6 Incut Foot
- 5 Sloper Foot
- 4 30° Edge (m)
- 3 Incut Foot
- 2 Sloper Foot
- 1 Incut Foot

B / J

- 18 Finger Bucket (xl)
- 17 30° Edge (s)
- 16 4" Knob
- 15 Round Edge (m)
- 14 Finger Bucket (l)
- 13 30° Edge (l)
- 12 30° Edge (s)
- 11 Brick Pinch (s)
- 10 4" Knob
- 9 Round Edge (m)
- 8 Incut Foot
- 7 30° Edge (s)
- 6 Finger Bucket (l)
- 5 30° Edge (s)
- 4 Jug Ball
- 3 Finger Bucket (xl)
- 2 Incut Foot
- 1 Sloper Foot

C / I

- 18 30° Edge (l)
- 17 Round Edge (l)
- 16 Flat Edge (m)
- 15 Finger Bucket (s)
- 14 Large Crimp (d)
- 13 Jug Ball
- 12 Taper Pinch (m) incut
- 11 30° Edge (s)
- 10 Jug Ball
- 9 Large Crimp (s)
- 8 6" Sloper
- 7 Taper Pinch (m) incut
- 6 5" Ball (mod. incut)
- 5 Incut Foot
- 4 Large Crimp (m)
- 3 Finger Bucket (s)
- 2 Large Crimp (s)
- 1 Incut Foot

D / H

- 18 Jug Ball
- 17 Finger Bucket (m)
- 16 Finger Bucket (l)
- 15 Large Crimp (s)
- 14 Straight Pinch
- 13 Finger Bucket (l)
- 12 Flat Edge (m)
- 11 Finger Bucket (l)
- 10 Taper Pinch (m) incut
- 9 Finger Bucket (l)
- 8 30° Edge (s)
- 7 Large Crimp (m)
- 6 Large Crimp (s)
- 5 30° Edge (m)
- 4 4" Knob
- 3 Incut Foot
- 2 Sloper Foot
- 1 Incut Foot

E / G

- 18 Brick Pinch (l)
- 17 Taper Pinch (m) incut
- 16 30° Edge (m)
- 15 Taper Pinch (m) incut
- 14 Large Crimp (m)
- 13 Finger Bucket (s)
- 12 Large Crimp (d)
- 11 Finger Bucket (l)
- 10 Finger Bucket (m)
- 9 Straight Pinch
- 8 Round Edge (m)
- 7 Finger Bucket (l)
- 6 30° Edge (s)
- 5 Large Crimp (s)
- 4 Finger Bucket (s)
- 3 Finger Bucket (xl)
- 2 Large Crimp (m)
- 1 Sloper Foot

F

- 18 4" Knob
- 17 Round Edge (m)
- 16 30° Edge (l)
- 15 6" Sloper
- 14 30° Edge (s)
- 13 4" Knob
- 12 30° Edge (l)
- 11 Brick Pinch (s)
- 10 Jug Ball
- 9 Flat Edge (s)
- 8 Large Crimp (d)
- 7 4" Knob
- 6 5" Incut Ball
- 5 Incut Foot
- 4 Round Edge (m)
- 3 Finger Bucket (xl)
- 2 Incut Foot
- 1 Incut Foot

KICKER

- A Incut Foot
- B Sloper Foot
- C Incut Foot
- D Sloper Foot
- E Incut Foot
- F Sloper Foot
- G Incut Foot
- H Sloper Foot
- I Incut Foot
- J Sloper Foot
- K Incut Foot

- A.5 Sloper Foot
- B.5 Incut Foot
- C.5 Sloper Foot
- D.5 Sloper Foot
- E.5 Incut Foot
- F.5 Incut Foot
- G.5 Sloper Foot
- H.5 Sloper Foot
- I.5 Incut Foot
- J.5 Sloper Foot

tension board

installation guide



ALL SETS

SMALL HOLDS

A.5 / J.5

- 10.5 Shal. Pinch (n)
- 9.5 Shal. Pinch (e)
- 8.5 Small Crimp (cc)
- 7.5 Round Edge (s)
- 5.5 Shal. Pinch (n)
- 4.5 Small Crimp (cc)
- 3.5 Round Edge (s)

B.5 / I.5

- 15.5 Shal. Pinch (w)
- 14.5 Small Crimp (cv)
- 13.5 Shal. Pinch (n)
- 12.5 Small Crimp (cc)
- 11.5 Small Crimp (cv)
- 9.5 Small Crimp (cc)
- 8.5 Shal. Pinch (w)
- 7.5 Small Crimp (cv)
- 3.5 Small Crimp (cv)

C.5 / H.5

- 13.5 Shal. Pinch (e)
- 11.5 Round Edge (s)
- 6.5 Small Crimp (cv)
- 4.5 Round Edge (s)

D.5 / G.5

- 15.5 Shal. Pinch (e)
- 14.5 Small Crimp (cv)
- 12.5 Small Crimp (cv)
- 11.5 Shal. Pinch (n)
- 10.5 Shal. Pinch (e)
- 8.5 Round Edge (s)
- 6.5 Small Crimp (cc)
- 4.5 Small Crimp (cc)
- 3.5 Shal. Pinch (w)

E.5 / F.5

- 16.5 Small Crimp (cv)
- 15.5 Shal. Pinch (n)
- 13.5 Shal. Pinch (w)
- 12.5 Small Crimp (cv)
- 11.5 Shal. Pinch (w)
- 10.5 Shal. Pinch (n)
- 9.5 Small Crimp (cv)
- 8.5 Shal. Pinch (n)
- 7.5 Small Crimp (cc)
- 6.5 Shal. Pinch (w)
- 5.5 Small Crimp (cv)
- 4.5 Shal. Pinch (n)
- 3.5 Small Crimp (cv)

HARDWARE LIST

Hold		Bolt (3/8")	Set Screw (#8)
30 Degree Edge (Large)	30L	2"	2"
30 Degree Edge (Medium)	30M	2"	2"
30 Degree Edge (Small)	30S	2" Buttonhead	2"
Finger Bucket (Extra Large)	FBXL	2.5"	2.5"
Finger Bucket (Large)	FBL	2"	2"
Finger Bucket (Medium)	FBM	2"	2"
Finger Bucket (Small)	FBS	2"	2"
Large Crimp (Deep)	LCD	2" Buttonhead	2"
Large Crimp (Moderate)	LCM	2" Buttonhead	2"
Large Crimp (Shallow)	LCS	2" Buttonhead	2"
Flat Edge (Medium)	FLTM	2"	2"
Flat Edge (Small)	FLTS	2" Buttonhead	2"
Round Edge (Large)	REL	2"	2"
Round Edge (Medium)	REM	2" Buttonhead	2"
Round Edge (Small)	RES	2" Buttonhead	2"
Brick Pinch (Small)	BPS	2.5"	2.5"
Brick Pinch (Large)	BPL	3.5"	3.5"
Shallow Pinch (Wide)	SHPW	2" Buttonhead	2"
Shallow Pinch (Narrow)	SHPN	2" Buttonhead	2"
Shallow Pinch (Egg)	SHPE	2" Buttonhead	2"
Small Crimp (Convex)	SCV	2" Buttonhead	2"
Small Crimp (Concave)	SCC	2" Buttonhead	2"
Straight Pinch	STP	2"	2"
Tapered Pinch (Medium Incut)	TPMI	3"	3.5"
4" Knob	4	3"	3.5"
5" Incut Ball	5I	3.5"	3.5"
5" Moderate Incut Ball	5	3.5"	3.5"
5" Jug Ball	5J	3.5"	3.5"
6" Sloper Ball	6	3.5"	3.5"
Incut Foot	-	2" Buttonhead	-
Sloper Foot	-	2" Buttonhead	-