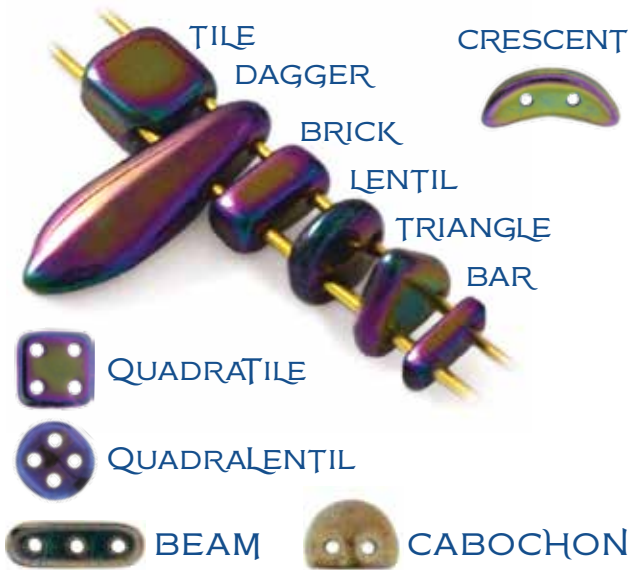


# CZECHMATES<sup>®</sup>

The Building Blocks of Modern Beading

2017

## CZECHMATES<sup>®</sup> TECHNIQUE GUIDE



*Expand the architectural possibilities off your designs by incorporating these essential stitching methods.*

By  
NICHOLE STARMAN  
CREATOR OF THE CZECHMATES<sup>®</sup> SYSTEM

# CZECH The Building Blocks of Modern Beading MATES<sup>®</sup>



## TILE

the foundation  
of dimension



## BRICK

spatial stability  
and connectivity



## BAR

span, join, and  
construct



## QUADRATILE

structure and strength



## CABOCHON

vaulted sinuosity

# CZECH The Building Blocks of Modern Beading MATES<sup>®</sup>

## LENTIL

dynamic texture and  
sculptural ability



## TRIANGLE

edgy yet delicate



## DAGGER

accents, arcs, and  
symmetry



## QUADRALENTIL

form, space, and order



## BEAM

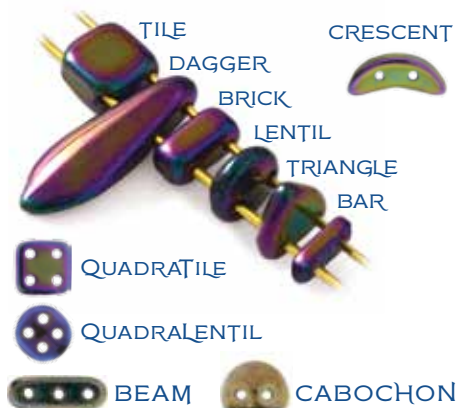
suspend, extend,  
and intersect



# CZECHMATES®

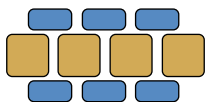
The Building Blocks of Modern Beading

The stitch techniques within this e-book are designed to utilize the structure and flexibility inherent in the CzechMates® Beading System.

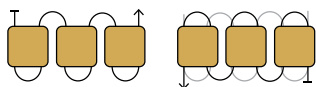


## CzechMates® Stitch Technique Guide

Bricks and Tiles create strong foundations to build upon. A staggered pattern forms a flexible chain.



Lentils and Triangles add depth and texture. Having the holes though the thin side of the bead creates dimensional configurations.

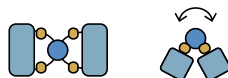


Build the foundation in layers, one direction at a time.

### Flexibility

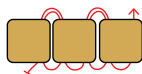


Staggered thread paths keep thread strong and flexible.

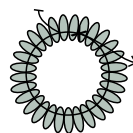


Shared beads create hinges.

Avoid double-looped thread paths. They add stress to the thread and create lopsided tension.

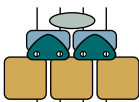


Straight thread paths are rigid but great for setting the final tension. Use sparingly.



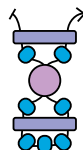
### Dimension

Consistent hole spacing lets you build upwards without bunching or warping. Let the beads control the alignment, not your thread!



### Structure

QuadraTiles and QuadraLentils work as base plates for structural support.

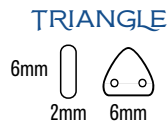
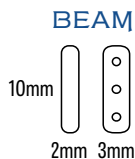
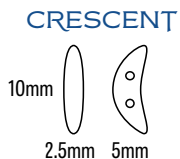
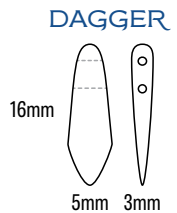
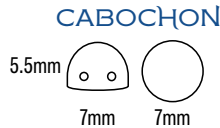
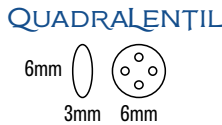
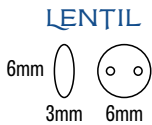
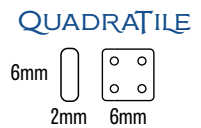
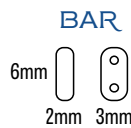
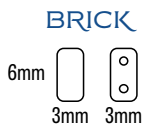
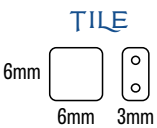


The CzechMates® Beading System  
has transformed multi-hole  
beading from a simple stringing  
concept to an art form of its own.



*'Dahlia' Bracelet by Nichole Starman*

## CzechMates® Shape Sizing



# Stitch Techniques



Expand the architectural possibilities of your designs by incorporating these essential stitching methods.

*'Xanadu' Necklace by Nichole Starman*

## Baste Stitching

**A baste stitch is a temporary stitch that will be removed once the permanent stitch has been added.** These stitches help keep your work in alignment when you need to connect multiple components together in a specific sequence. It is best to work with a contrasting colored thread so that it is easy to tell the difference between working thread from the temporary thread.

## Dimensional Design

When working with CzechMates®, I recommend starting with loose tension, then cinching up slack and setting the tension as you build multiple layers. This allows you to control the tension throughout the whole design and keeps the foundation of the piece strong and flexible.

## Even Stitching

Baste stitches help manage excess slack until you are ready to add the final layers. They also help keep the tension even when adding netting. You won't need to tug and pull on the thread to keep the base aligned.



*'Anemone' Bracelet by Nichole Starman*

# Stitch Techniques

## The Hinge Stitch

As in the construction of buildings, a hinge is a movable joint that swings and connects linked objects. This gives us the ability to build flexible, dimensional designs without causing stress to the thread.

### Single Thread Hinge

Single thread hinge is when the 2-hole bead pivots around the thread passing through a hole. The bead moves freely on the thread unless it is anchored by the second hole.

### Double Thread Hinge

The double thread hinge is when the bead pivots from the picot centered between its two holes, forming the hinge perpendicularly. The center picot is a shared bead that must be passed through twice in order to link two components together.

## The Accordion Stitch

This stitch gets its name from the way it expands and contracts in an undulating, controlled manner. It is a combination of two-hole beading techniques that form a strong, flexible foundation on which to build a limitless variety of dimensional designs.

Asymmetrical bead shapes are complementary to their mirrored selves and create a variety of design opportunities when used together. **The Crescent, for example, has both a convex and concave edge, which makes for both soft and spikey textures**

As with symmetrical CzechMates, Asymmetrical shapes are anchored by the second hole, however the way the bead is oriented within a design is determined by which hole is passed through first. Choosing the wrong hole may cause the bead to be incorporated upside down.



*'Belfast' Bracelet by Nichole Starman*

## Tips and Hints

### The Fashion Advantage of Asymmetrical CzechMates®

Asymmetrical CzechMates® create design opportunities that are not possible with one-hole pressed beads. These abstract shapes are unique for they aren't typically represented in beadweaving. Most traditional shapes have the hole through the center or top of the bead and are designed to look the same no matter how they roll or hang on a thread. It's very difficult to create a well-balanced design using beads that change shape as they spin! Asymmetrical CzechMates® are anchored into place, which allows you to use their shape and strategic hole placement to your advantage, allowing for more texturally diverse and spatial designs. Advancements in dimensional jewelry design concepts and the shared learning of these new techniques has had a profound impact on fashion jewelry.



*'Anemone' Bracelet by Nichole Starman*

**NOTE:** The CzechMates Triangle is an asymmetrical bead. To assist in adding the Triangle in the correct orientation, arrange all Triangles on your mat with the point facing up. **Pick up the Triangle by putting the needle through the hole given in the instructions.**





# Tips and Hints

## Easy Orientation Hints

To help prevent rework, lay the beads out on your mat and have them all face the same direction before you start your work.

Most instructions will indicate how to orient the beads on your mat and which hole to pass your needle through first, right, or left. Once the bead has been strung, the left and right orientation no longer applies since you may be passing through the remaining hole from the opposite direction. From this point it is more accurate to refer to the unused hole as the “second” open hole.

If you get discombobulated while picking up beads and can't figure out right from left, the easiest way to get reoriented is to pick up the bead from your mat, hold it into the correct position in the design, then pass through the corresponding hole.



*'Paradox' Bracelet by Nichole Starman*

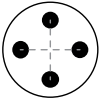
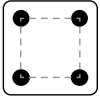
**Quick Start:** Secure thread to the CzechMates Tile (CMT). On two yards of thread, pick up a CMT, pass through the second hole then the first hole again. Tie a knot then pass through the second hole. Trim tail.



Secure Thread  
to Tile

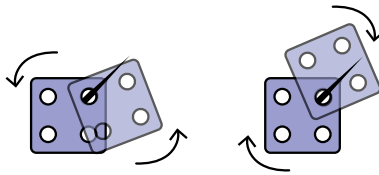
## Tips and Hints

# QUADRA SERIES



The low profile thickness and flat surface area of the Quadra series CzechMates® make them universal components for structural integrity and connectivity without bulk.

**Working with the QuadraTile:** The CzechMates QuadraTile is an advanced dimensional bead. When passing through the first hole, it doesn't matter which hole you pick up because the bead can rotate on the needle in any direction, as shown here. **The second hole anchors the bead in place, so be sure to turn the bead in the desired direction before completing the second stitch.**

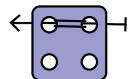


The QuadraTile rotates in any direction

**Connecting Thread:** I recommend tying on thread directly to an upper QuadraTile for each row. This securely anchors the thread into place and the knot will not show once the top embellishment layers are added.



Side View



Top View

Tying on to  
a QuadraTile

'Pantheon' Bangle by Nichole Starman

# CZECHMATES

The Building Blocks of Modern Beading

## BEAM

suspend, extend,  
and intersect



397-210: CzechMates Beam 2/10mm



View More Colors at  
[www.CzechBeads.com](http://www.CzechBeads.com)

# CZECHMATES<sup>®</sup>

The Building Blocks of Modern Beading

2-HOLE BEADS

## CABOCHON

vaulted sinuosity



### 396-06: CzechMates Cabochon 6.5mm

L0300	K0164	K0170	K0171	K0173
K0178	14400	P14413	14415	R14415
15765	2398	M2398	27000	6313
M6313	MSG6313	BT6315	CT6313	T6313
P65401	P65431	P65455	P65491	79021
79031	79032	79051	79052	79080
79082	90215	T9320	94100	94101
94102	94103	94104	94105	94106
PS1001	PS1002	PS1003	PS1004	PS1005
PS1006	PS1007	PS1008	PS1009	PS1010

# CZECH MATES

The Building Blocks of Modern Beading

2-HOLE BEADS

## CRESCENT

ornamental curves  
and points



391-310: CzechMates 2-Hole Crescent 3/10mm



391-310: CzechMates 2-Hole Crescent 3/10mm





# CZECHMATES<sup>®</sup>

The Building Blocks of Modern Beading

2-HOLE BEADS

## BAR

span, join, and  
construct



K0174

— 389-26: CzechMates 2-Hole Bar 2/6mm —



K0164



K0167



K0171



2398



BT2398



M2398



14400



P14413



14413



P14415



14415



M14415



15495



15695



15726



21115



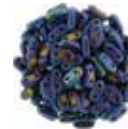
21135



21195



21415



21435



21495



27000



P65401



65431



P65431



P65455



65491



P65491



# CZECHMATES<sup>®</sup>

The Building Blocks of Modern Beading

## QUADRATILE

structure and  
strength



### 387-06: CzechMates<sup>®</sup> 4-Hole QuadraTile 6mm



View More Colors at [www.CzechBeads.com](http://www.CzechBeads.com)

# CZECHMATES<sup>®</sup>

The Building Blocks of Modern Beading

## QUADRALENTIL

form, space, and order



390-06: CzechMates<sup>®</sup> 4-Hole QuadraLentil 6mm



View More Colors at  
[www.CzechBeads.com](http://www.CzechBeads.com)

# CZECH MATES

The Building Blocks of Modern Beading

2-HOLE BEADS

## TRIANGLE

edgy yet delicate



### 371-06: CzechMates 2-Hole Triangle 6mm

K0170	K0171	K0173	K0177	L0300	CH1006
MG1006	PT2051	PI2051	PK2398	2398	Z3005
CT3005	E3009	3009	B5023	MG5023	CT6001
Z6001	LR6023	T6313	CT6313	M6313	BT6315
Z7010	LI7010M	MLR8312	B9004	LJ9008	9008
MG9008	M9320	T9320	LR13060	14400	P14413
14415	R14415	15765	21115	21155	21415
21455	21495	T23030	23030	LR23030	25001
25005	25008	25015	25027	25028	25032

# CZECHMATES

The Building Blocks of Modern Beading

2-HOLE BEADS

## TRIANGLE

edgy yet delicate



*'Golden Glory' Bracelet by Nichole Starman*

### 371-06: CzechMates 2-Hole Triangle 6mm



# CZECH MATES

The Building Blocks of Modern Beading

2-HOLE BEADS

## TILE

the foundation  
of dimension



### 250-66: CzechMates 2-Hole Tile 6mm

T0003	W0003	MD0003	0003	X0003	TM0003
XX0003	M0003	MX0003	SL0003	K0171	K0172
K0173	K0177	270	T0300	0300	GM1006
LR1006	1006	W1006	2006	W2021	2021
Z2051	W2051	2051	BT2398	2398	TM2398
M2398	XX2398	AM2398	T2398	A2398	3002
GM3003	T3009	E3009	3009	3033	GM4001
4001	GM5014	GM5023	T5023	5023	Z5031
5031	W5050	5050	5073	PK5313	T5342

250-66: CzechMates 2-Hole Tile 6mm



# CZECH MATES

The Building Blocks of Modern Beading

2-HOLE BEADS

## TILE

the foundation  
of dimension



*'Bayonne' Bangle by Nichole Starman*

### 250-66: CzechMates 2-Hole Tile 6mm



# CZECH MATES<sup>®</sup>

The Building Blocks of Modern Beading

2-HOLE BEADS

## LENTIL

dynamic texture and  
sculptural ability



### 366-06: CzechMates 2-Hole Lentil 6mm







366-06: CzechMates 2-Hole Lentil 6mm

 ST63100	 T63100	 P65431	 P65455	 P65491	 BT71010
 71010	 T71010	 CT71010	 Z71010	 79021	 79031
 79051	 79080	 79082	 79086	 Z81000	 T84020
 CT84020	 84020	 BT84020	 90215	 93110	 T93110
 YM13720	 14400	 M14400	 P14413	 14415	 Z15010
 15495	 P15695	 15695	 B15726	 15726	 P15726
 Z21010	 21115	 21135	 21155	 21415	 21435
 21455	 21495	 MD22310	 25001	 25005	 25008
 25015	 25027	 25028	 25032	 25033	 25034
 25036	 25037	 25039	 27000	 27101	 27171
 29253	 29256	 29259	 29260	 29261	 29263
 29264	 29266	 29267	 29270	 E33410	 M33410
 33410	 YM33410	 CT43020	 MD43020	 M43020	 T43020

# CZECH MATES

The Building Blocks of Modern Beading

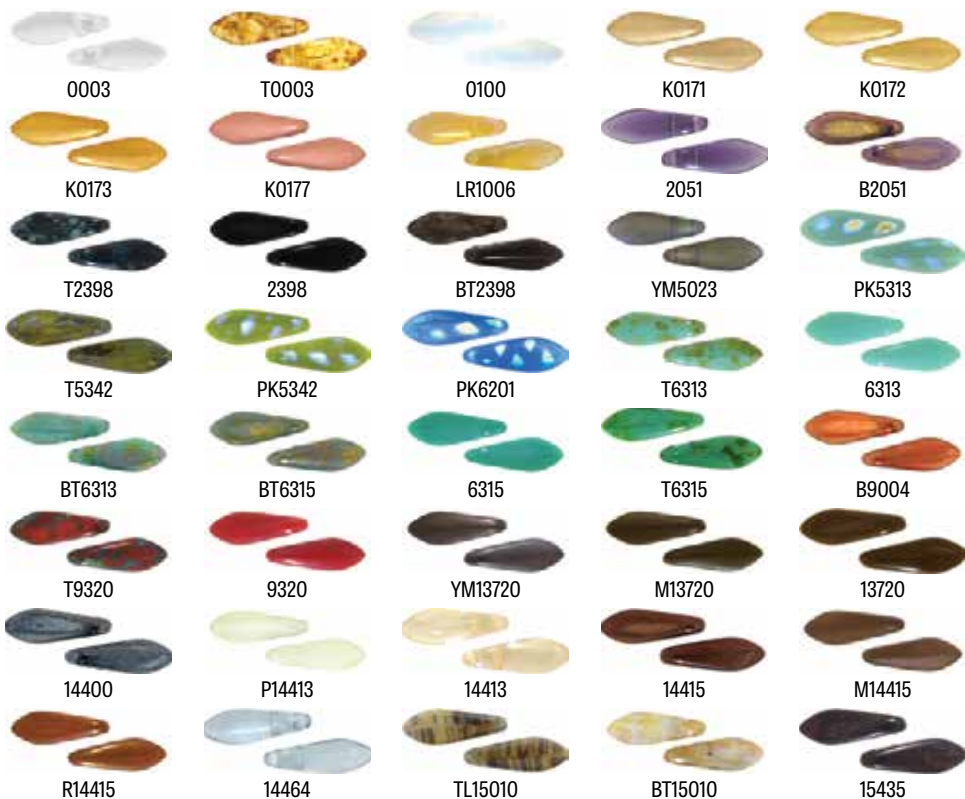
2-HOLE BEADS

## DAGGER

accents, arcs,  
and symmetry



280-516: CzechMates 2-Hole Dagger 5/16mm



# CZECHMATES<sup>®</sup>

The Building Blocks of Modern Beading

2-HOLE BEADS

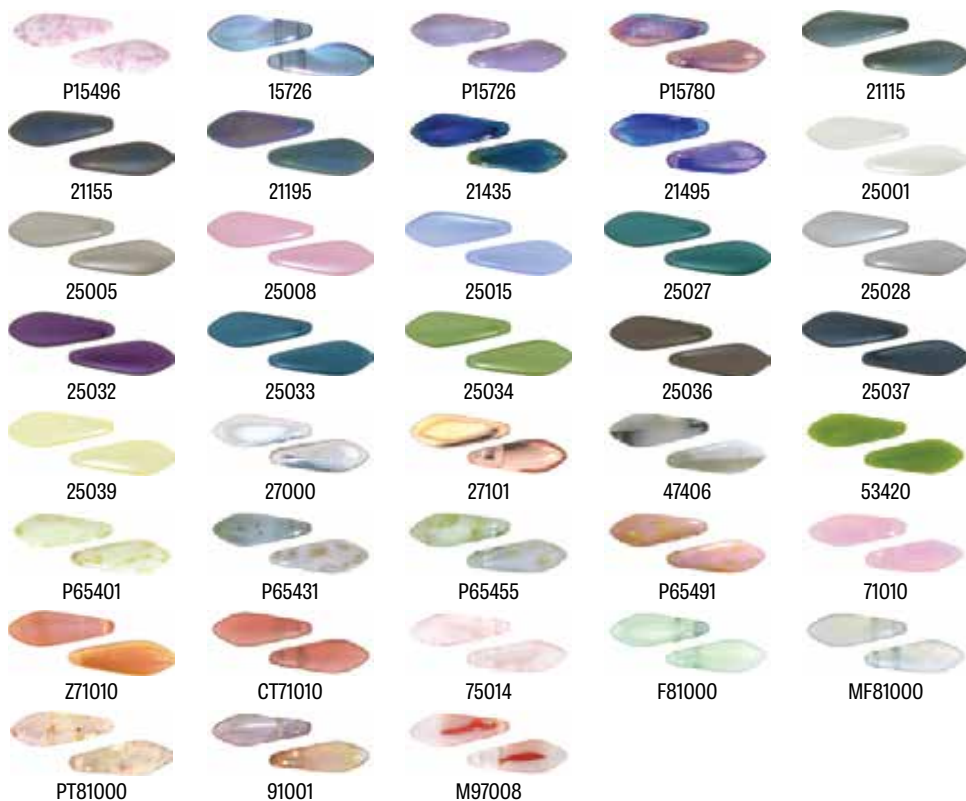
## DAGGER

accents, arcs,  
and symmetry



*'Mouchette' Bracelet by Nichole Starman*

280-516: CzechMates 2-Hole Dagger 5/16mm



# CZECH MATES

The Building Blocks of Modern Beading

2-HOLE BEADS

## BRICK

spatial stability  
and connectivity



### 365-366: CzechMates 2-Hole Brick 3/6mm

 T0003	 W0003	 V0003	 MV0003	 X0003	 K0171
 K0172	 K0173	 K0177	 270	 1006	 W1006
 2021	 HL2021	 Z2022	 T2398	 2398	 AM2398
 M2398	 W3002	 3002	 3009	 E3009	 PK5313
 T5342	 CT5342	 PK5342	 Z6001	 6015	 W6015
 LR6023	 PK6201	 MMD6310	 CT6313	 T6315	 6315
 MD6315	 7035	 W7035	 Z8001	 8001	 MLR8312
 Y9008	 9008	 CT13010	 13010	 T13010	 BI13070
 CT13070	 M13070	 MD13070	 CT13610	 13610	 AM13610
 29261	 29263	 29264	 29266	 29267	 29270
 E33060	 T33060	 MD33060	 33060	 YM33060	 M33060

# CZECH MATES

The Building Blocks of Modern Beading

2-HOLE BEADS

## BRICK

spatial stability  
and connectivity



94105

365-36: CzechMates Brick 3/6mm



CT43020



MD43020



T43020



M43020



LR52060



MD53200



M53200



53200



TL53200



MD53420



53420



CT63100



T63100



ST63100



63100



65431



P65431



P65455



P65491



65491



CT71010



71010



79021



79031



79051



79080



79086



90215



91007



93110



T93110



CT93110



94101



94102



94103



94104



T13610



TL13720



M13720



13720



YM13720



14400



M14400



P14413



R14415



14415



15495



15695



15726



B15726



P15726



21115



21135



21155



21415



21435



21495



25001



25005



25008



25015



25027



25028



25032



25033



25034



25036



25037



25039



26807



M26807



27000



27101



27171



29253



29256



29259



29260

# QUADRA TRELLIS



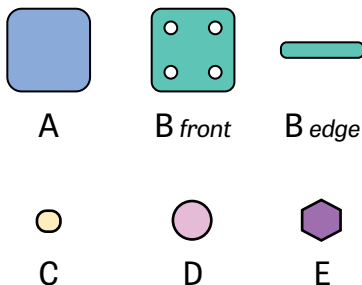
DESIGN BY

NICHOLE  
STARMAN

CREATOR OF THE  
CZECHMATES® SYSTEM

# MATERIALS

- 25 CzechMates® Tile (A)
- 50 CzechMates® QuadraTile (B)
- 2gm TOHO 11° Round (C)
- 50 Round Bead, 3mm (D)
- 26 Firepolish, 3mm (E)
- TOHO One-G Thread
- Clasp

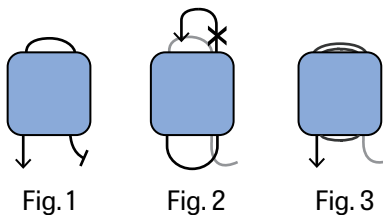


The finished bracelet, as instructed, will be approximately 6.75" (16cm) before clasp. Adjust the length by .25" (6mm) by increasing or decreasing Tile (A).

Copyright 2015 © Starman, Inc. and Artist.  
Not licensed for digital distribution. Version 1.0

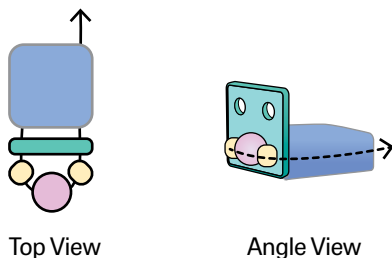
# INSTRUCTIONS

- Secure thread to Tile:** Pass through one of the Tile (A) holes, then the hole parallel, leaving a 3 inch tail [Fig. 1]. Pass through the first hole again, then tie a half-hitch knot around the thread from step 1 [Fig. 2] Pass through the second hole again and tighten up the slack. The thread will be parallel to the tail [Fig. 3].



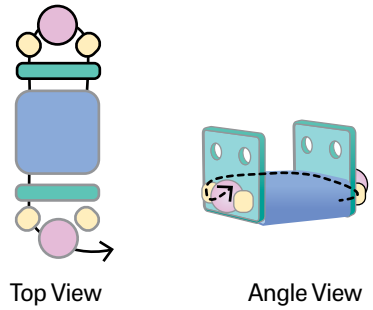
Step 1

- Construct the first segment:** Add B, C, D, C. Pass into the corresponding hole of the QuadraTile (B) so that the holes are oriented as shown in the Angle View, then pass through the second hole of A.



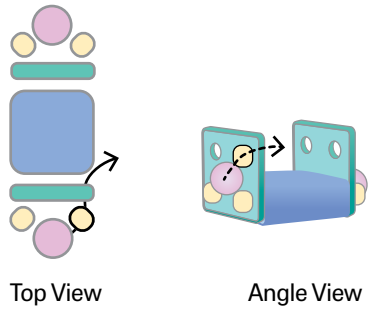
Step 2

3. Add B, C, D, C. Pass into the corresponding hole of the QuadraTile (B) so that the holes are oriented as shown in the Angle View, then pass through A, C, D.



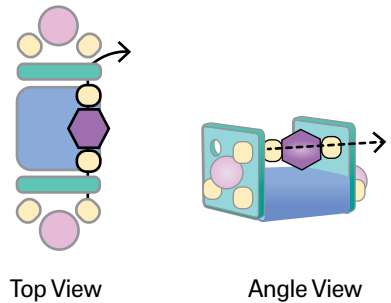
Step 3

4. Add C then pass in to the top (upper) hole of the QuadraTile (B).



Step 4

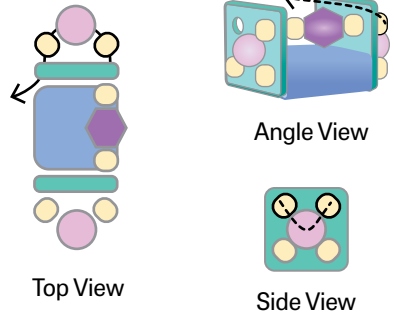
5. Add C, E, C. Pass straight across the Tile (A) into the top hole of the QuadraTile (B).



Step 5

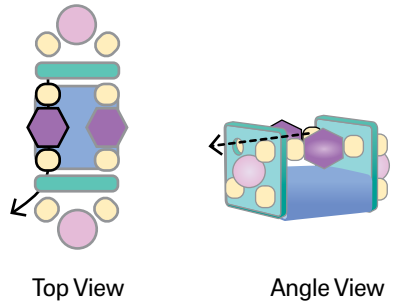


6. Add C, pass through D, add C, then pass through the last open hole of B. Note that the round bead (D) is now centered on the QuadraTile between four seed beads.



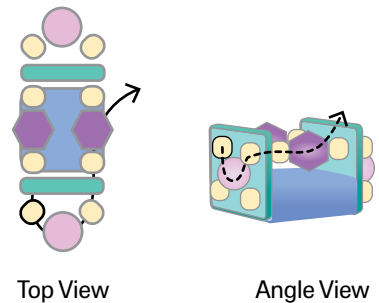
Step 6

7. Add C, E, C, then pass through the last open hole of B.



Step 7

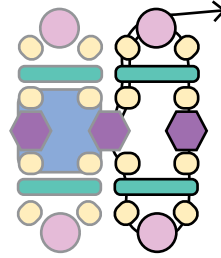
8. Add C, pass through D, the top-left C, B, C, E.



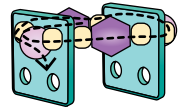
Step 8

9. **Construct the second segment:**

Add C, B, C, D, C, and pass through a second hole of the QuadraTile (B) so that the open holes are positioned as shown in the Angle View. Add C, E, C, B, C, D, C, and pass through a second hole of the QuadraTile (B) so that the open holes are positioned as shown. Add C, and pass through the E you started at. Pass through C, B, C, D.



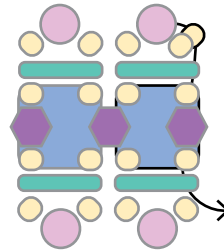
Top View



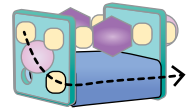
Angle View

Step 9

10. Add C, pass diagonally down into the B. Add A, pass through the corresponding open hole of the B.



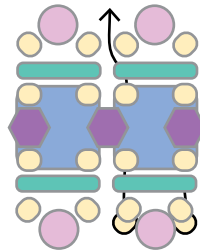
Top View



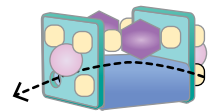
Angle View

Step 10

11. Add C, pass through D, add C, then pass through the open hole of B, A, B.



Bottom View



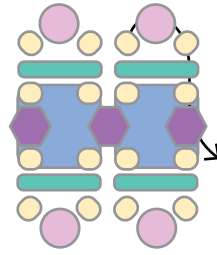
Angle View



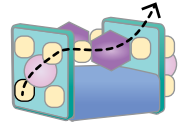
Side View

Step 11

12. Add C, pass through D, then pass diagonally upward through C. Pass through B, C, E.



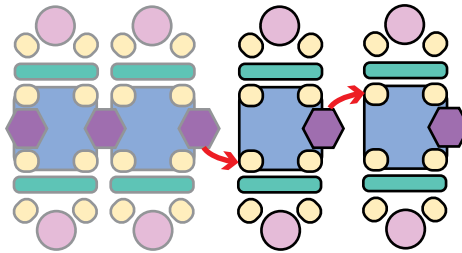
Top View



Angle View

### Step 12

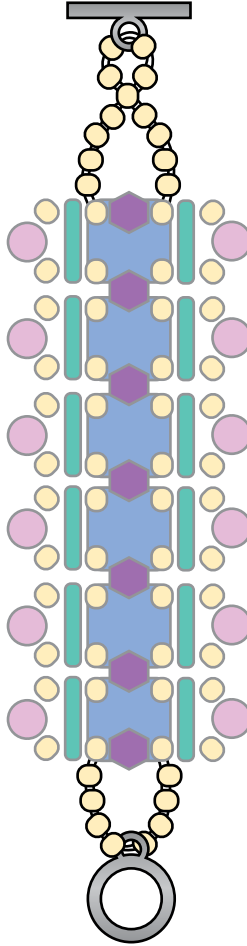
13. Repeat Steps 9 through 12, weaving in the opposite direction. Continue repeating the pattern for a total of 25 Tiles (A). Note that the thread path will alternate directions for each new segment, as shown with the red arrows in the Top View.



Top View

### Step 13

15. **Add a clasp:** With a short length of thread, stitch on your clasp with loops of seed beads (C) off the Tiles (A) at either end of the bracelet.



Step 15