

Karen Kay Buckley's Perfect Adjustable Square
Combining "puzzle" pieces for square blocks

For odd-numbered blocks:

Outside dimensions are always odd-numbered (ex.: 9-1/2" square). Inside dimensions are always even-numbered (ex.: 4" square). If the outside is 9-1/2" square, the inside will be 4" square.

Outside corner pieces are 4-3/4" on each outside edge, 2" on each inside edge (all four corners joined together measure 9-1/2" outside edges and 4" each side inside window)

Inside window square is always a 5-1/2" smaller square than the outside square dimensions and even-numbered.

Ruler pieces in the set to work with: 4-3/4" corners, 1", 2", 4", 8" (4 of each) + 1-1/2" adapters (4 each)

For even-numbered blocks:

Outside dimensions are always even-numbered (ex.: 11" square). Inside dimensions are always odd-numbered (ex.: 5-1/2" square).

Use the numbers in parentheses () below. If the outside is 11" square, the inside will be 5-1/2" square.

All measurements are for square blocks only.

Each side will consist of the following piece(s):

Outside block dimensions:

Inside window dimensions: Pieces to use:

9-1/2" x 9-1/2" (11")	4" (5-1/2")	1 corner (+1-1/2" adapter)
10-1/2" x 10-1/2" (12")	5" (6-1/2")	1 corner + 1" (+1-1/2")
11-1/2" x 11-1/2" (13")	6" (7-1/2")	1 corner + 2" (+1-1/2")
12-1/2" x 12-1/2" (14")	7" (8-1/2")	1 corner + 2" + 1" (+1-1/2")
13-1/2" x 13-1/2" (15")	8" (9-1/2")	1 corner + 4" (+1-1/2")
14-1/2" x 14-1/2" (16")	9" (10-1/2")	1 corner + 4" + 1" (+1-1/2")
15-1/2" x 15-1/2" (17")	10" (11-1/2")	1 corner + 4" + 2" (+1-1/2")
16-1/2" x 16-1/2" (18")	11" (12-1/2")	1 corner + 4" + 2" + 1" (+1-1/2")
17-1/2" x 17-1/2" (19")	12" (13-1/2")	1 corner + 8" (+1-1/2")
18-1/2" x 18-1/2" (20")	13" (14-1/2")	1 corner + 8" + 1" (+1-1/2")
19-1/2" x 19-1/2" (21")	14" (15-1/2")	1 corner + 8" + 2" (+1-1/2")
20-1/2" x 20-1/2" (22")	15" (16-1/2")	1 corner + 8" + 2" + 1" (+1-1/2")
21-1/2" x 21-1/2" (23")	16" (17-1/2")	1 corner + 8" + 4" (+1-1/2")
22-1/2" x 22-1/2" (24")	17" (18-1/2")	1 corner + 8" + 4" + 1" (+1-1/2")
23-1/2" x 23-1/2" (25")	18" (19-1/2")	1 corner + 8" + 4" + 2" (+1-1/2")
24-1/2" x 24-1/2" (26")	19" (20-1/2")	1 corner + 8" + 4" + 2" + 1" (+1-1/2")

This will help when planning and/or squaring blocks that might have dimensional applique work and the necessity to know the inside window measurement.

Adding one adapter (1-1/2") to each side, now makes the outside measurements even-numbered, and inside measurements odd-numbered. You can now go from an even-numbered outside square of 11" up to 26", and inside odd-numbered measurements from 5-1/2" up to 20-1/2".

Example: For a block measuring 22" square, each side is made up of the following: 1 corner + 8" 2" + 1" + 1-1/2" adapter.

Compiled by Patty Goodsell 2016