FOUNDATIONS
ADVANCES

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Supporting information for article:

Crystallographic descriptions of regular 2-periodic weavings of threads, loops and nets

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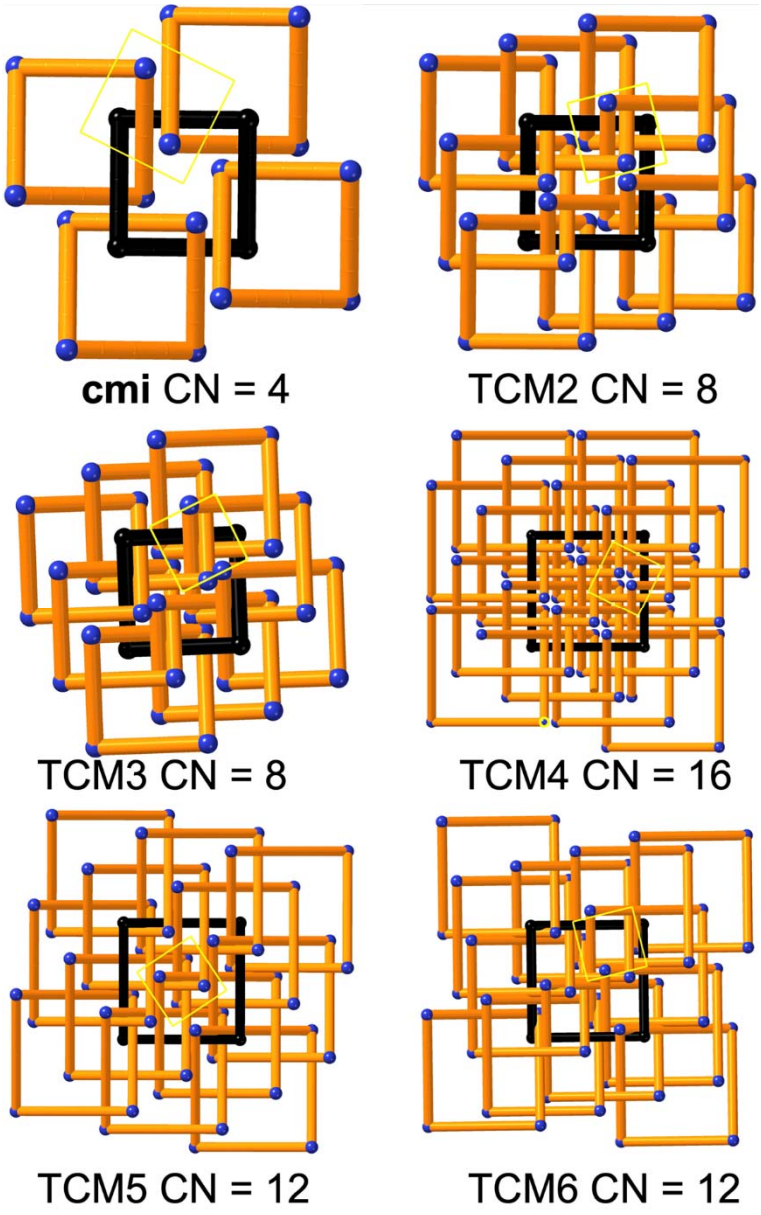

Figure S1 The first six weaves found in the square chain mail system. Note, the links are bent, appearing square in projection onto the plane, with vertices alternating above and below the plane. The coordination number (CN) is the number of linked squares. In each figure the black square shows a full complement of linked squares.

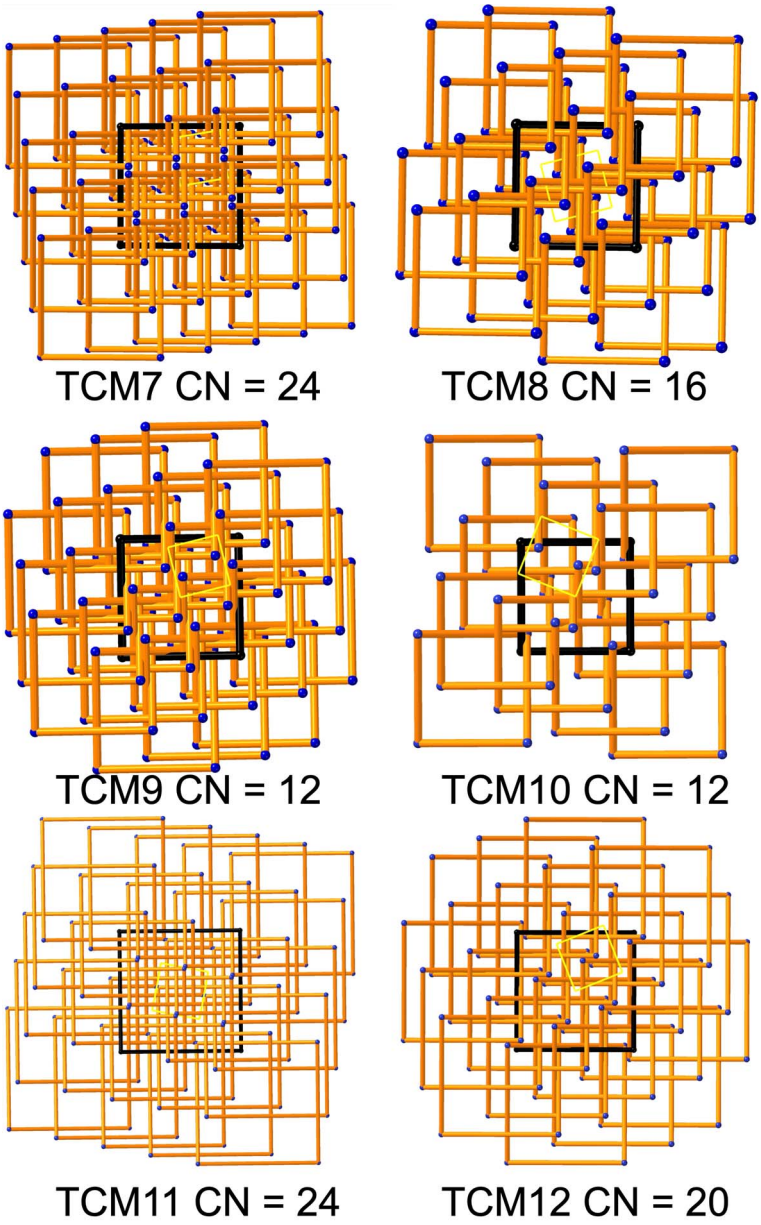

Figure S2 The next six weaves in the square chain mail system. Details are identical to those in the caption of Figure S1

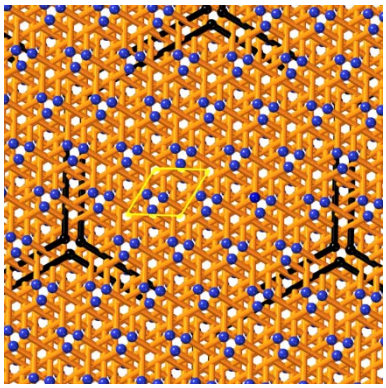

Figure S3 Details of the hexagonal chain mail structure, HCM5, with peak girth = 1/12.

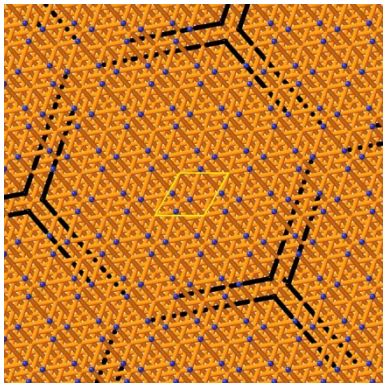

Figure S4 Details of the hexagonal chain mail structure, HCM6, with peak girth = 1/13.

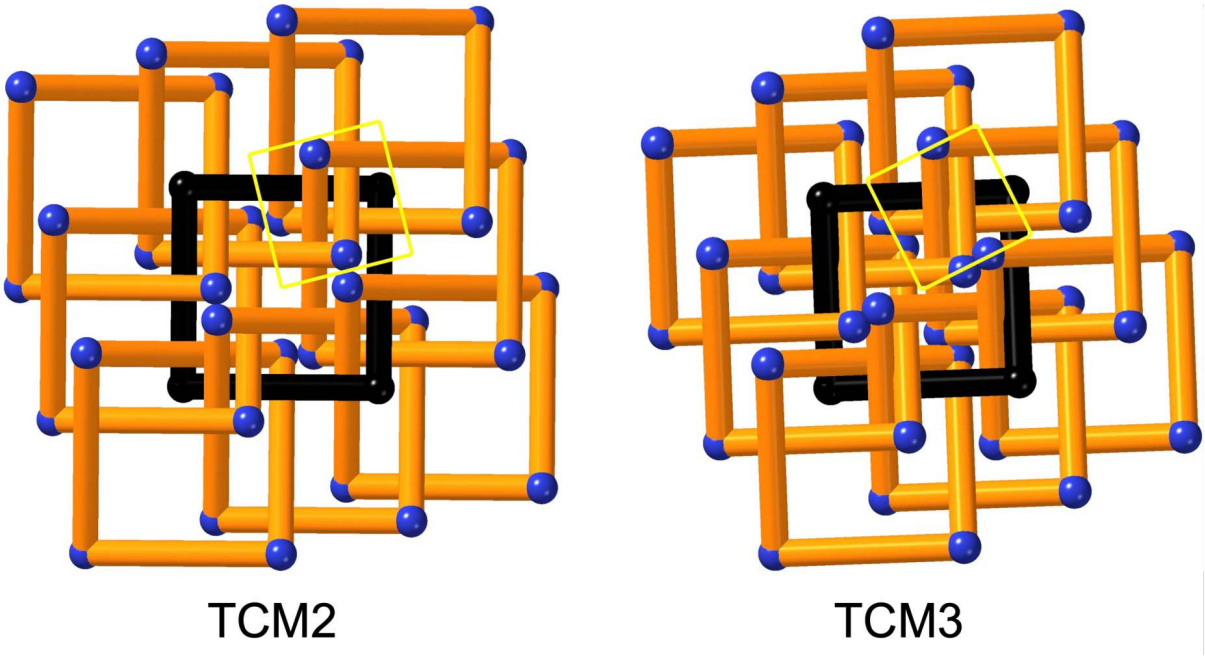

Figure S5. The tetragonal chain mail structures TCM2 and TCM3, illustrating the structures at the two peaks in the orange/brown region of the structure map in Fig. 17. These structures have identical linkages, but the girths must decrease to allow the sticks to move without interference under the constraints of the *p*-4 symmetry.