

how they did it

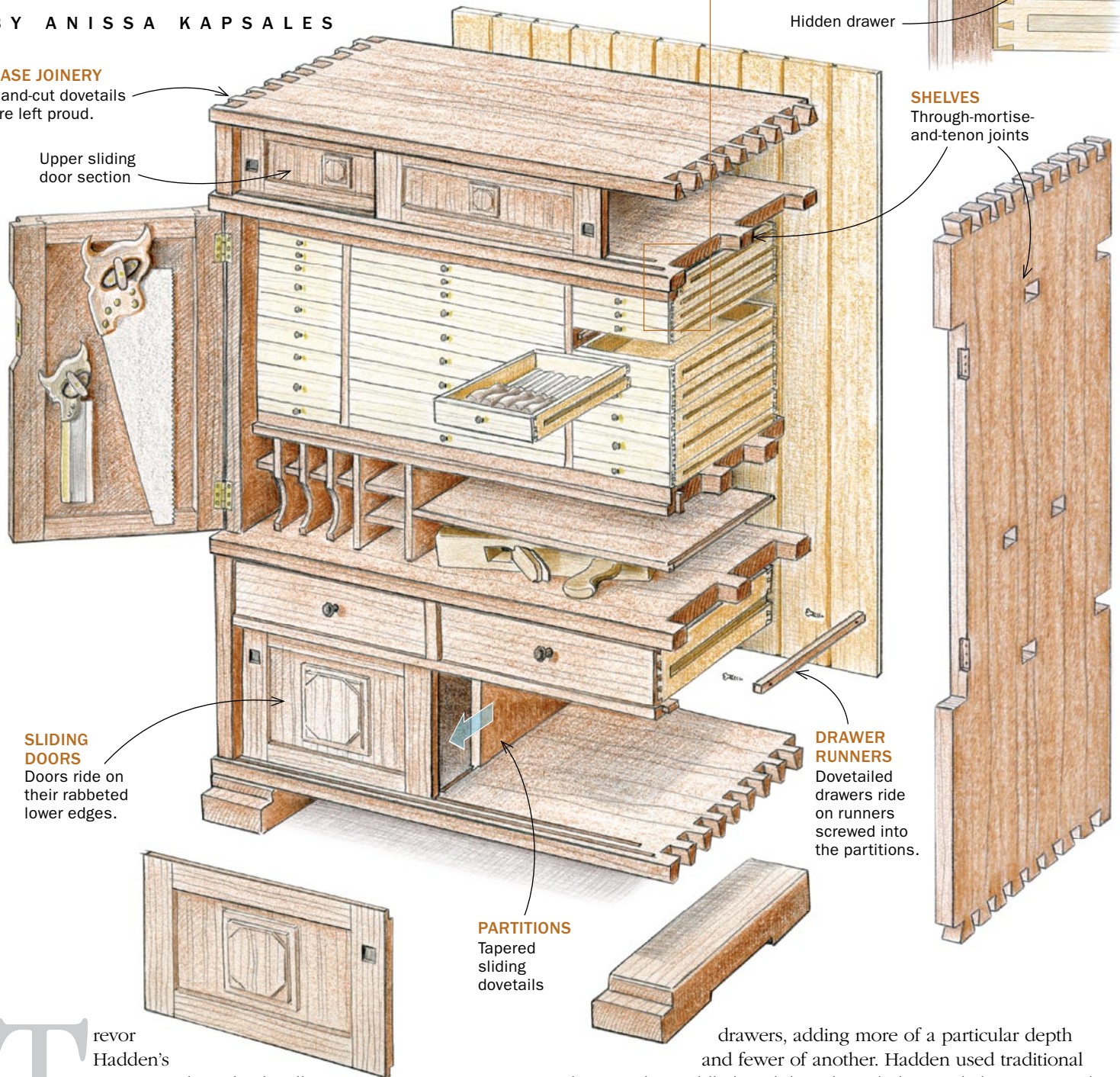
An A+ tool chest

BY ANISSA KAPSALES

CASE JOINERY

Hand-cut dovetails are left proud.

Upper sliding door section



SECRET DRAWER

False rail is friction fit and held in place by two bullet catches.

Open lower drawer to remove rail and access hidden drawer.

Hidden drawer

SHELVES

Through-mortise-and-tenon joints

SLIDING DOORS

Doors ride on their rabbeted lower edges.

DRAWER RUNNERS

Dovetailed drawers ride on runners screwed into the partitions.

PARTITIONS

Tapered sliding dovetails

Trevor Hadden's training with Michael Cullen not only yielded the woodworking knowledge and skills he needed to go it on his own, but also culminated in the Arts and Crafts tool chest seen on the back cover. The design is loosely based on Cullen's, but Hadden tailored the anatomy to his own tools, enlarging some

drawers, adding more of a particular depth and fewer of another. Hadden used traditional doors in the middle but sliding doors below and above to avoid the opening and closing arc. However, he didn't veer from tradition in the construction, using hand-cut dovetails, mortise-and-tenon joinery (through and hidden), wedged tenons, and tapered sliding dovetails to keep the case solid and functioning smoothly for years to come.