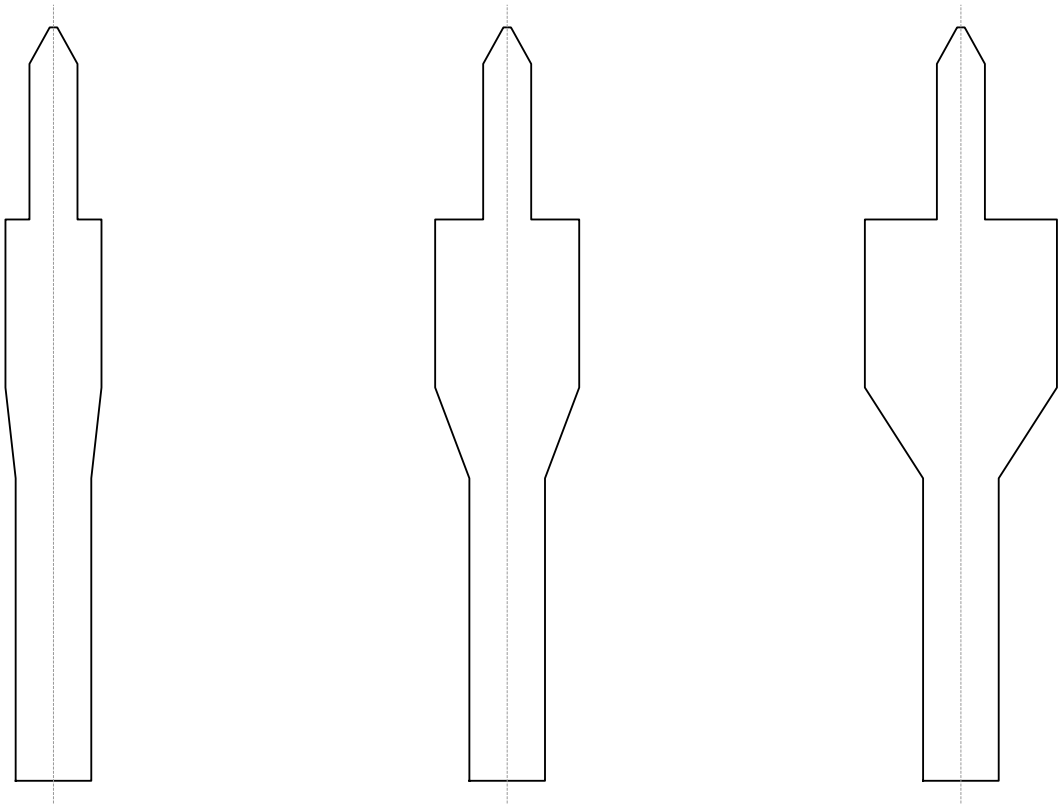
Smith long-pilot high-speed wood bits (US 2,543,206, 1951): template, FULL SIZE

Outlines for 1/2, 3/4 and 1 inch bits from 10 mm octagonal tool steel; the stem continues below.



1/2 in **3/4 in (his)** **1 in**

50 mm: print at 100 %

Smith's 3/4 inch bit to his figures (middle); 1/2 and 1 inch bits with the same pilot, edge height and thickness. Plate edges 7/8 in high, square to the faces, exactly the same width top to bottom. Pilot 1/4 in wide, 1 in long from its tip line to the plate, closing at 58 deg to a 1 mm flat tip square to the axis. Plate and pilot 3/32 in (2.4 mm) thick. The cutting edges either side of the pilot are square to the axis.