

# Basic Detail Report

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## Cornet, A

### Date

1900-1904 ca.

### Primary Maker

Schuster & Co.

### Description

Brass, German silver, double loop, tuning slide at first perpendicular loop, three triangularly arranged rotary valves ("Kreuzventile," 1,  $\frac{1}{2}$ ,  $1\frac{1}{2}$ ), horseshoe stop, clock-spring return. Unstamped brass cornet mouthpiece with very narrow rim; brass crook for A (shank for B-flat missing). Based on a patent by Franz Schediwy (1851-1933), Ludwigsburg, Germany, from 1900 (Deutsches Reichspatent no. 122540, class 51c), the Markneukirchen firm Schuster & Co. offered this cornet model, called "Piston-Trompete in B, Modell H. R. 15.," in a catalog of military instruments from 1904. Originally, the instrument would have had a B-flat shank. The characteristic of this model was a perpendicular tuning slide at the loop that

follows the leadpipe. Triangularly arranged rotary valves for a smooth windway were known in Vienna and Bohemia before Schediwy's patent, but the use of the design for cornets was new. In his patent, Schediwy focused on the advantages resulting from the compact wrap and improved protection of the valve section.

### Dimensions

Height: 313 mm Tube length: 1317 mm, 1494 mm Bore diameter (initial, minimum, tuning slide, valve slides): 11.4 mm, 9.8 mm, 11.6 mm, 11.7 mm Bore diameter crook (initial, terminal): 9.5 mm, 9.6 mm Bell diameter: 127 mm