

SECTION 1027 -- DEFORMED METAL CENTER JOINT AND METAL KEYWAY

1027.01 -- Description

1. Deformed metal center joint and metal keyway shall be fabricated of coated iron or steel sheets and shall meet the following requirements:

a. Metal Center Joint:

Metal center joint sections shall be manufactured from sheets no less than 18 gauge (0.05 inch) thick and shall be of the size and trapezoidal shape shown in the plans. The sections shall be punched along the centerline of the narrow face of the trapezoid to admit the tie bars required by the plans and also at intervals of not greater than 2 feet to receive pins that are driven vertically into the subgrade to support the metal center joint.

b. Metal Keyway:

The trapezoidal shaped section of the metal keyway shall be manufactured from sheets no less than 24 gauge (0.0276 inch) thick and shall be of the size shown in the plans. The metal keyway section shall be punched along the centerline of the narrow face of the trapezoid to admit the tie bars required by the plans. The metal leg for the keyway shall be manufactured from sheets no less than 18 gauge (0.05 inch) thick.

1027.02 -- Acceptance Requirements

Acceptance shall be based on visual inspection by the Engineer to assure the material meets specification and plan requirements.