FILLETT VEIN

All Ferrous Alloys. Sand Castings

Projection in the form of a thin blade which divides a reentrant angle in half; it is thus neither parallel nor perpendicular to a casting surface.

Possible cause
A crevice formed in the mold or core during the course of baking or casting, often caused by too high a degree of binder in the sand.

Remedy
Reduce the binder content or use another type of binder.

Figure 12

A 115 - Cast Iron, Green Sand
Gray iron casting with fillet vein in the reentrant angles.