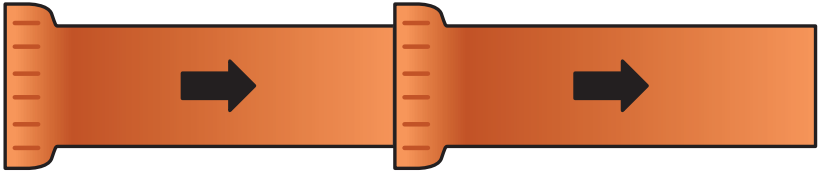
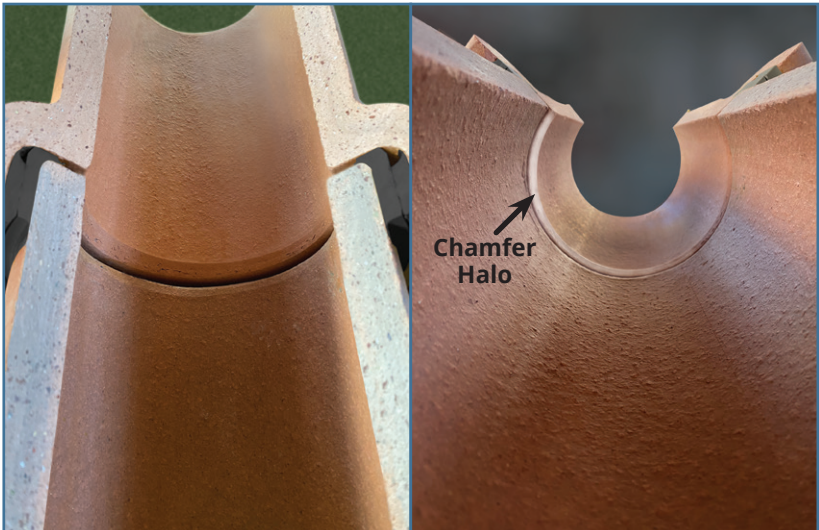


## Straight Alignment

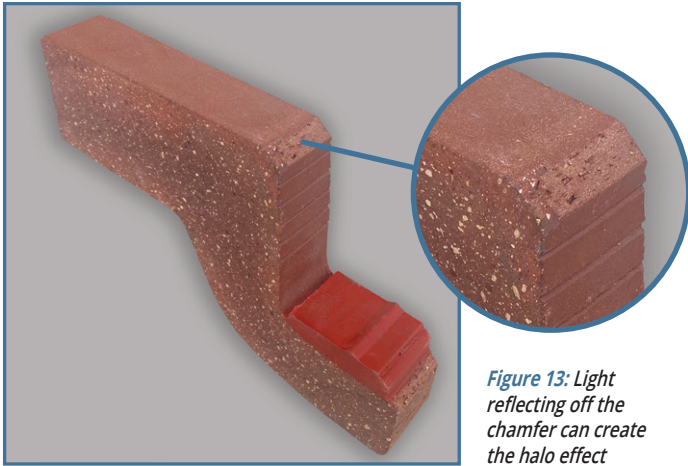


*Figure 11: Straight alignment is generally the most common condition.*

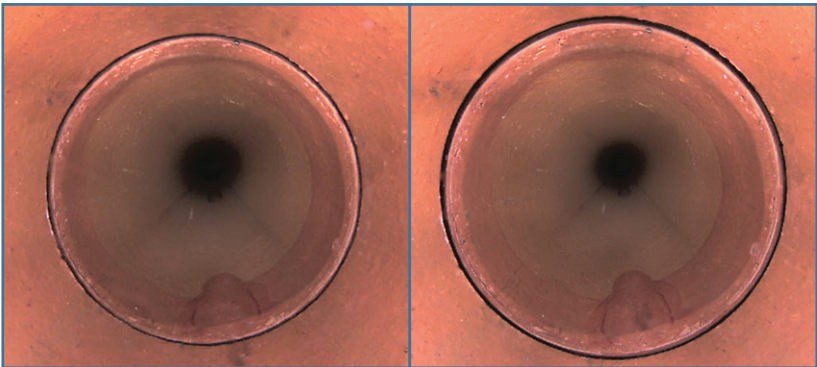
The camera is not looking at the end of the pipe as it may appear, but at the trimmed/ chamfered edge of the pipe giving a halo effect. The pipe in the photos are in straight alignment. However, because the camera is looking into the bell end of the pipe, it may create an illusion of an offset, deflected or pulled joint. This illuminated halo can lead operators to incorrectly code this condition as a parallel offset or even a pulled joint.



*Figure 12: Both photos above are of the same joint cross section. The image on the left shows that it is fully-homed and sealed. This same joint, viewed from the angle of a CCTV camera, (right image) shows how the gap from the seismic cushion in combination with the chamfer can reflect the light from the camera creating a halo.*



Also, the factory trimmed ends of the pipe (as shown in Figure 14) may not be perfectly concentric with the pipe presenting the illusion of an offset joint. The two images shown below are of a fully homed joint connection with no gap or offset.



*Figure 14: Straight Alignment - approaching*

*Figure 15: Straight Alignment - close-up*