

Camshafts are critical to retaining maximum available brake chamber stroke. As any area of the camshaft wears, including the bearing journals, it “absorbs” chamber stroke. This reduces the net available stroke and forces the system to higher air pressures to achieve required brake force.

OTR camshafts are designed & manufactured to surpass industry standards which reduces wear which limits chamber stroke absorption. Here’s how:



- State-of-the-art computer numerically controlled (CNC) lathes machine the camshaft “on center” to ensure cam/head concentricity
- Cam heads are forged to precise dimensions and induction hardened to provide longer life and durability
- Bearing journals are precision machined to ensure correct dimensions & concentricity resulting in less cam deflection and longer bushing life
- Camshaft splines are roll formed and induction hardened using computer controlled heat treating equipment to provide added strength and durability

OTR Premium Camshafts are the SMART choice to meet the high demands of today's braking systems because there's NO TIME FOR DOWNTIME.