

Delphi Fixed-center Joints

► Description

Delphi's fixed-center joints are standard outboard joints for front-wheel-drive vehicles. Delphi offers both Rzeppa and undercut free joints in various designs with maximum angle capability from 47 to 53 degrees.

Shank designs can be customized for various vehicle interface and packaging requirements. These joints can accept an antilock braking system sensor ring.

Delphi was first to introduce durable thermoplastic seals, which help improve field reliability due to enhanced tear, puncture, and abrasion resistance. The seals are also impervious to environmental degradation at temperatures up to 100°C continuous.

► Benefits

- High-angle operations for improved steering radius and suspension travel specifications when compared to similar joints
- Low rotational lash helps reduce noise, vibration, and harshness when compared to similar joints
- Wide range of torque capacities provides easy optimization of joint package size and an enhanced ability to match size, capacity, and cost requirements



Delphi Fixed-center Joints