



**APEX DYNAMICS, USA**

*First In Helical Technology...*

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## NEWS RELEASE

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For Immediate Release

Contact: Phil Shaw

**The Highest Precision Helical Right Angle  
On the market today - Less than 2 arc-minutes!**



The ABR & AFR Series Helical Planetary Gearhead from Apex Dynamics USA, carries the only tip-to-toe 5-year warranty in the industry (including the seals). The right angle helical product ranging from 42mm to 220mm square (every single stage ratio 3,4,5,6,7,8,9,10,14 & 20:1 and 25:1 thru 200:1) was designed with the recently approved input bearing patent #US 6,503,168.

Apex Dynamics pulls away from the competition by manufacturing its own Spiral Bevel gearing in house. Through the OERLIKON grinding process, Apex produces the highest quality spiral gear set specifically for high speed / high torque applications. Manufactured and designed to run 24/7 without fail.

The Spiral Bevel gearing design maximized by using sophisticated KIMOS software pre and post heat-treating – single part inspection creates a whisper quiet interface at maximum input speeds.....Up to 10,000 rpms...

*See..www.apexdynamicsusa.com for full release.*

The manufacturing of the shaft cage assembly and input bearing bore from a single piece of stainless steel on one turning center, off one centerline, guarantees the 100% concentricity needed to provide the highest precision gearhead (less than 2 arc-minute of backlash), with increased efficiencies and smooth, whisper quiet transmission ( < 56dB).

Oversized Tapered roller bearing support and full complimented planet needle bearings provide over 30,000 hours of service life and provide up to 6000Nm (53,000 in-lbs) of torque in a compact package.

**The Most Productive Helical Planetary Gearhead Manufacturer in the World!**

**Please contact Phil Shaw**

**At Apex Dynamics USA for more information**

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