Compact yet powerful gear that transmits power at a 90 degree angle.

The Right Angle Spiroid ® Gear has been developed by maxon precision motors in the USA.

The prototype will fit maxon motors 22mm and 32mm DC motors. The lightweight gearhead has a unique technology, called Spiroid ®, which is designed to achieve maximum torque with applications that have minimal space.

This special gear was developed with quiet operation and low backlash, high stiffness / low deflection with large applied loads, is compact in size, has up to 3:1 “gear teeth” contact ratio, with both back-drivable (4:1 ratio) & non-back drivable (31:1 ratio) versions, extremely high torque transmission and has High Torque to Space Ratio (HTSR) technology.

The gearhead is available in either a 4:1 or 31:1 ratio. It was designed to be mounted to specific brushed and brushless DC motors (the 22 and 32mm) or it can be configured with the GP22 and GP32 planetary gearheads, ensuing a wide range of gear reductions.

For more information please contact +61 2 9457 7477.

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