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For Immediate Release

Miniature spindle for linear positioning tasks

The maxon GP 6 S spindle gear

The GP 6 S micro spindle gear has a diameter of six millimeters and is now also available in a metal version to provide a spindle drive with optimized value.

Spindle drives are the perfect solution for linear positioning systems, lens adjustment, or syringe pumps. If the drive also has to be compact, then maxon motor's GP 6 S spindle gear is the perfect choice. To provide a cost-effective alternative to the ceramic version, it is now also available with a metal spindle.

Combinations with maxon DC motors

The GP 6 S spindle gear is suitable for a wide variety of linear drive solutions. The maximum feed velocity is 15 mm/s, at a force of 10 N. Integrated ball bearings ensure that this drive stands up to high axial loads. The gear easily combines with the maxon DC brushed motor (RE 6) and DC brushless motor (EC 6).

More data and details about the new metal version of the GP 6 S spindle gear are available online at www.maxonmotorusa.com.