

## Power HD High-Speed Digital Micro Servo DSM44

The DSM44 digital servo from Power HD is a micro servo with digital control electronics for increased performance. It is one of the fastest and lightest micro servos we carry, making it a great tiny actuator for robot mechanisms that need to be light, quick, and strong. The output shaft is supported by a ball bearing for decreased friction, and most of the gears are metal for increased durability. The lead is terminated with a standard “JR”-style connector, which is Futaba-compatible. Servo horns and associated hardware are included, though the hardware might vary from what is shown in the picture below.



Pololu

Power HD high-speed digital micro servo  
DSM44 with U.S. quarter for size  
reference.



[www.pololu.com](http://www.pololu.com)

Power HD high-speed digital (sub-)micro servo  
DSP33/DSM44 included hardware (might vary).

Note that, as with most hoy servos, stalling or back-driving this servo can strip its gears.

[Documentation on producer website.](#)