

MULTI-AXIS MOTION HAS COLLIDED WITH MAXIMUM FLEXIBILITY

MEET OUR NEW PRECISION BALL SPLINES



The new Thomson precision ball splines offer nearly friction-free linear and rotary motion integrated on a single shaft.

This capability gives designers more ways to compress an assembly, extend a stroke or distribute a load, and new flexibility to meet modern automation demands.



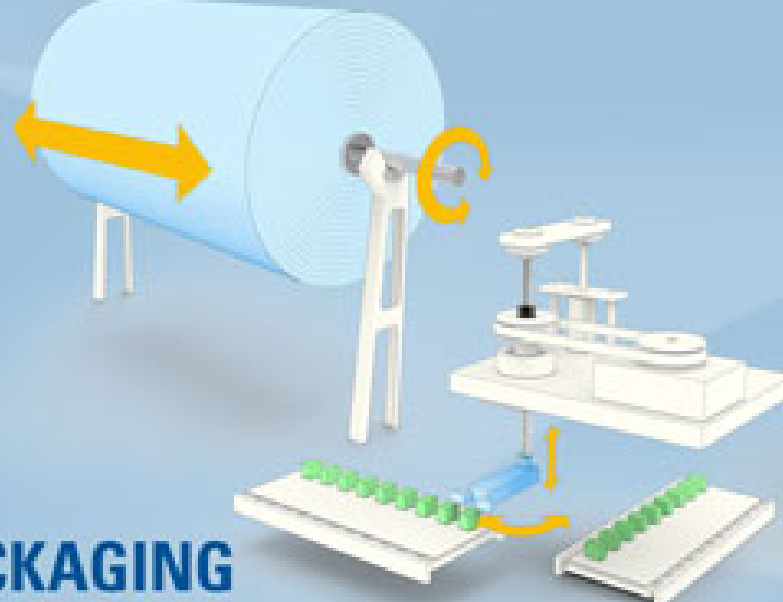
- **End Machining Options.** When you order precision ball splines with machined ends, you will never need to worry about additional design time or hidden costs. These options (single- and two-step reduction, threaded, coaxial hole and ring groove) feature set pricing and help get our splines into your hands quickly to keep your design projects on track.
- **Nut Options.** To best accommodate your application requirements, we offer non-flanged and flanged spline nuts.
- **High Load Capacity.** Wide, precision-ground grooves allow for increased load-carrying capabilities as well as improved rigidity and stiffness for handling larger moment loads.
- **Zero Angular Clearance / Backlash.** The groove design makes the ball splines ideal for high-precision applications.

Where do precision ball splines perform at their best?

ROBOTICS



PAPER MILL DRUMS



MACHINE AUTOMATION



PACKAGING

Ball Splines



Technical Brochure



CAD Models



BIBUS Ltd. is your partner with the THOMSON products, please contact our colleagues!

István Varga: +36 70 391 3800
Dénes Surányi: +36 70 623 3500

isv@bibus.hu
dsu@bibus.hu