



MOOG

Shaping the way our world moves™

BALL AND ROLLER SCREWS

Tap to continue

CUSTOMER NEEDS



- › Meet the needs of leading-edge machine manufacturers across a **wide range of industries**
- › Outstanding performance: High **static** and **dynamic load**, high speed and **acceleration**
- › High **reliability** and **longevity**

MOOG SOLUTION

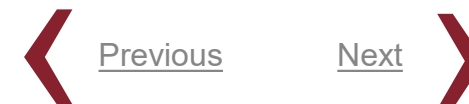


BALL AND ROLLER SCREWS

- › Outstanding quality and **proven technology**
- › High level of **customization** to solve design freedom and space constrain
- › Ability to customize in a very **competitive lead time**
- › Strong **application support**
- › **Flexibility** to handle small batches and fluctuating demand
- › **Complete** product range



MOOG SOLUTION



BALL SCREWS



- › ISO 3408 classes 1-3-5
- › Diameter from 12 to 100 mm (0.47 to 3.94 in)*
- › Pitch from 1.5 to 100 mm (0.06 to 3.94 in)
- › Length up to 6200 mm (244 in)*
- › Dynamic load up to 1450 kN,
Static load up to 3300 kN
- › Acceleration up to 30 m/s²
- › Single or multi-starts

ROLLER SCREWS



- › ISO 3408 classes 1-3-5
- › Diameter from 15 to 100 mm (0.6 to 3.93 in)*
- › Length up to 4000mm (157.5 in)
- › Nominal pitch from 2 to 42 (0.08 to 1.65 in)*
- › Dynamic load up to 1250 kN,
Static Load up to 3500 kN
- › Acceleration up to 40 m/s²
- › Number of starts 5 or 6

INVERTED



- › ISO 3408 classes 3-5
- › Diameter from 48 mm (1.89 in)
- › Maximum stroke 200 mm (7.87 in)

* bigger sizes available as special products. Please contact our experts to get more information.

TYPICAL TARGET APPLICATIONS

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BALL SCREWS



| Big milling and turning centre

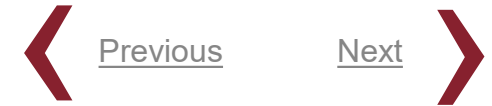


| Transfer machine



| Grinding machine

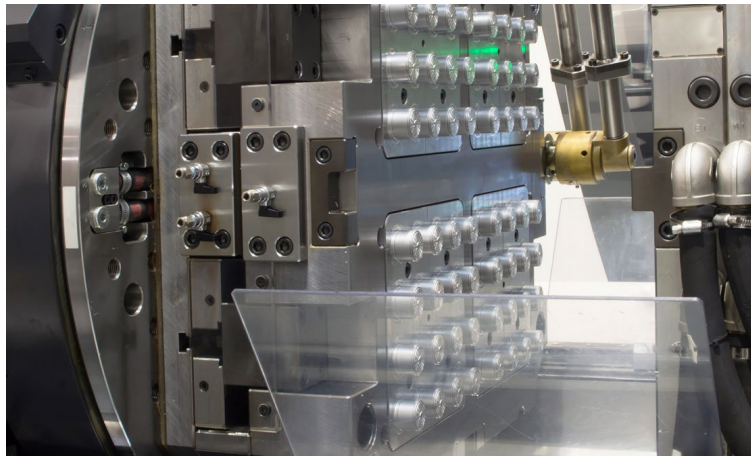
TYPICAL TARGET APPLICATIONS



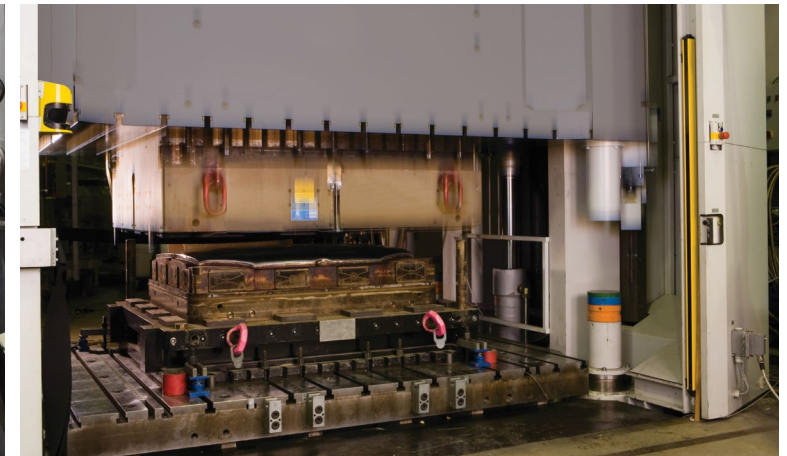
ROLLER SCREWS



| Metal forming and bending



| Plastics machinery



| Presses

SUMMARY

BALL AND ROLLER SCREWS



- › **Beyond standard** industrial applications
- › Full **customization capabilities**
- › Global **technical support**

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