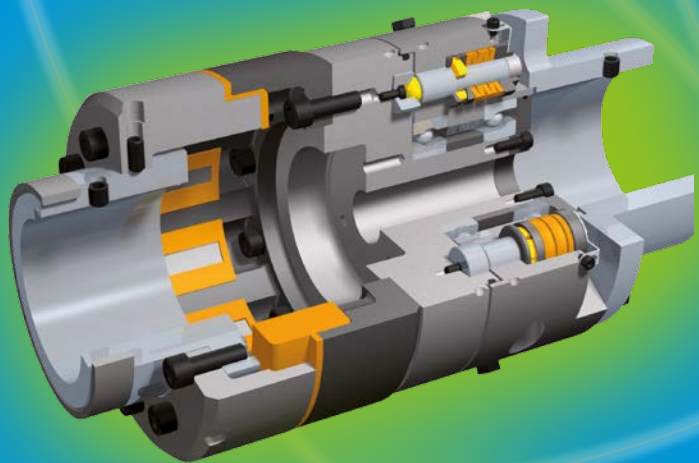




your reliable partner

Extruder Clutches

Perfect protection for extruders
and double screw mixers



EAS[®] – The brand for reliable overload protection

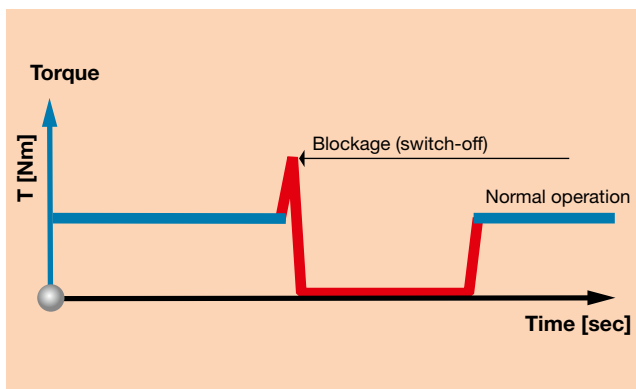
Today, mechanical torque limiting clutches are an indispensable component of extruders in order to achieve high productivity and to prevent downtimes due to overload damages. Blockage of the screws due to foreign bodies, alterations in viscosity and other malfunctions can cause increases in torque which cause substantial damage to extruders. The operating conditions for extruders place maximum demands on mechanical torque limiting clutches. Standard torque limiting clutches quickly lose their switch-off accuracy under dynamic loads close to the set torque. For this reason, **mayr**[®] power transmission as market leaders have developed torque limiting clutch products which are especially designed for extruder requirements. The EAS[®]-dutytorque and the EAS[®]-Compact[®] unite those advantages most important in extruder applications.

A Worldwide Presence

Our Sales and Service network is constantly expanding. We guarantee you and your customers almost all over the world local representation. With eight branch firms in France, Switzerland, Italy, England, Poland, the USA, Singapore and China as well as around 30 representatives and eight subsidiaries in Germany, we provide local service for our customers in all important industrial areas.



Torque Course



Unsurpassed – Our Standard Programme

For 50 years we have been developing and manufacturing torque limiting clutches and today we are able to offer everything that can be expected from the market leader:

- The most experience in development, manufacturing and application
- Extensive know-how in all drive-related issues
- Best quality and reliability
- Innovative and application-optimised further development
- The most extensive product range in load holding, load separating, torque and force limiting, frictionally locking, positive locking, magnetic, adjustable and switchable safety clutches.

Total Quality Management

Product Quality

Every delivery which leaves our firm has been subjected to a careful quality inspection, meaning that you are able to rely 100 % on **mayr**[®]-products. If required, we pre-adjust our clutches and brakes accurately to the requested values and confirm the product characteristics with an Inspection Report.

Quality Management

mayr[®] uses the term quality to describe its products and services. Certification of our quality management confirms the quality-consciousness of our colleagues at every level of the company.

Our integrated management system is certified according to **DIN EN ISO 9001:2000 (Quality)** and **DIN EN ISO 14001 (Environment)** and complies with the **OHSAS 18001/OHRIS (Occupational Health and Safety)** demands.

Specialist for Special Solutions

Highly qualified engineers, high-performance 3D-CAD-systems, FEM calculation aids and up-to-date manufacturing and inspection devices mean that our business is perfectly equipped to develop and manufacture tailor-made and economic special solutions for our customers.

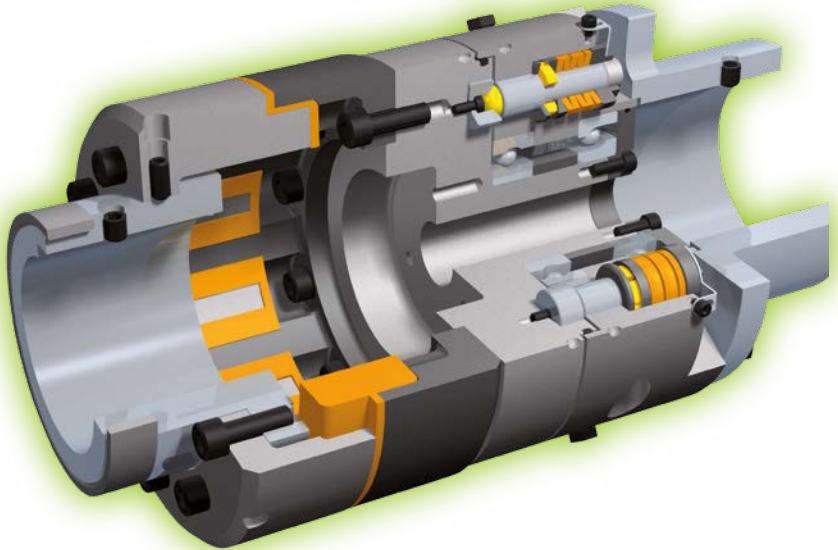
Before being released for application, each of our products has to prove its functional capabilities and reliability on different test stands. We also create the optimum protective element for your application.

EAS[®]-dutytorque

The extruder torque limiting clutch

Torque range: 70 to 17.000 Nm

- Can be disassembled radially
- Modular concept
- Complete mechanical separation of input and output on overload
- Safeguarding against high torques
- Large shaft diameters
- Simple re-engagement
- High switching accuracy



For detailed technical data and dimensions, please see our product catalogue
EAS[®]-dutytorque: K.4043.V _ _ _ _

EAS[®]-Compact[®]

The extruder torque limiting clutch
for small torque values

Torque range: 5 to 3.000 Nm

- Instant separation on overload
- Slows down freely
- Exact and reproducible responses
- Re-engagement either by hand or via remote control
- Torques can be adjusted simply and continuously using the adjustment tables
- Operation possible with or without limit switch for overload recognition



For detailed technical data and dimensions, please see our product catalogue
EAS[®]-dutytorque: K.490.V _ _ _ _



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You can find the complete address for the representative responsible for your area under www.mayr.com in the internet.