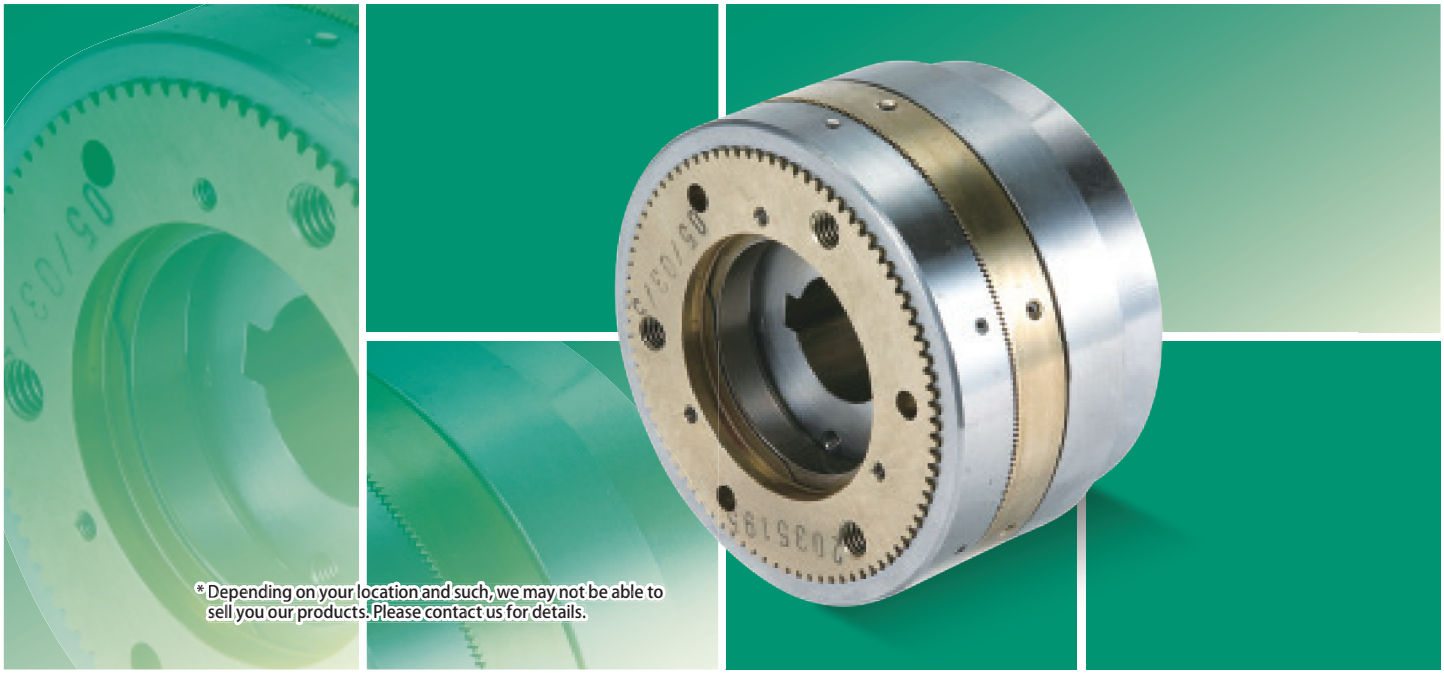
ELECTROMAGNETIC TOOTH CLUTCHES

Application	Printing machinery, wrapping machinery, filling machinery, food machinery, medical machinery

Meshing-type Electromagnetic-actuated Clutch Has High Torque and Reliable Transmission

These electromagnetic tooth clutches are electromagnetic-actuated clutches of the type that transmit torque by engaging tooth. Since torque is transmitted by engaging tooth, these clutches can transmit very high torque with a compact size (five to ten times our dry-type single discs). They may be either full position, which engage everywhere around their circumference, or single position, which engage at a set position, engaging in only one location per revolution. The shape of the tooth tip may be either symmetrical or sawtooth. Symmetrical tips can be used in any rotation direction, while sawtooth tips are faster than symmetrical tips and can engage at higher speeds.



* Depending on your location and such, we may not be able to sell you our products. Please contact us for details.

Compact, high torque
Since torque is transmitted by the meshing of the tooth, high torque transmission can be achieved with a compact form factor.

No drag torque
Since the tooth do not form a magnetic circuit, engagement and release can be faster, and there is no drag torque.

Easy mounting
Bearings are built in, so there is no centering of stator and rotor.

Can be used in oily environments
Can be used in oily environments under some usage conditions.

Special position engagement
Special tooth shapes can be made that mesh at multiple locations.