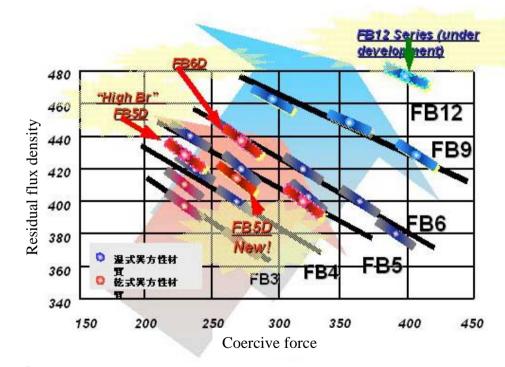


Ferrite Magnets

Ferrite materials technology, magnetic orientation technology

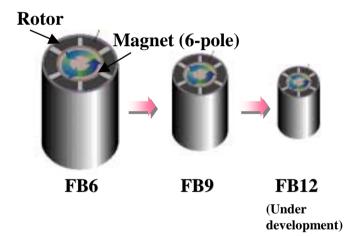


Electric motors



High-performance wet-molded type

High-performance dry-molded type



Miniaturize and higher efficient motors

(Size of conventional motor required to produce the same torque)





Antiferromagnetic layer

Non-magnetic layer 3nm

Free layer (Magnetic layer)

Pin layer 6-7nm (Magnetic layer)

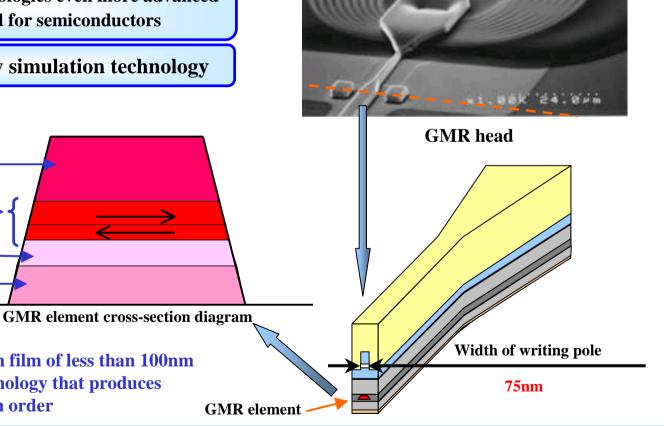
14nm

HDD Heads Produced Using Nanotechnology

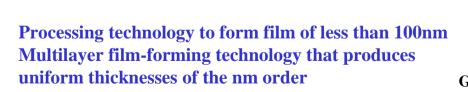
Magnetic and non-magnetic multilayer nano-film formation technologies

Nanoprocessing technologies even more advanced than those used for semiconductors

Magnetic circuitry simulation technology



Coil









Cautionary Statements with Respect of Forward-Looking Statements

This material contains forward-looking statements, including projections, plans, policies, management strategies, targets, schedules, understandings and evaluations, about TDK and its group companies that are not historical facts. These forward-looking statements are based on current forecasts, estimates, assumptions, plans, beliefs and evaluations in light of information currently available to management.

In preparing forecasts and estimates, TDK and its group companies have used as their basis, certain assumptions as necessary, in addition to confirmed historical facts. However, due to their nature, there is no guarantee that these statements and assumptions will prove to be accurate in the future . TDK therefore wishes to caution readers that these statements, facts and certain assumptions are subject to a number of risks and uncertainties and may prove to be inaccurate.

The electronics markets in which TDK and its group companies operate are highly susceptible to rapid changes. Furthermore, TDK and its group companies operate not only in Japan, but in many other countries. As such, factors that can have significant effects on its results include, but are not limited to, shifts in technology, demand, prices, competition, economic environments and foreign exchange rates.

