

Featuring small gaps and large power.

Wave rings/wave springs

Coiling

These feature the stress of a large spring in only a small space. By switching out disc springs for wave springs, a higher load can be achieved, yet with the same height. And, by switching out multi-row springs for wave springs, a load equal to or higher than that of multi-row springs can be achieved. Furthermore, because coiling is performed using shaped materials, material losses can be drastically reduced.

Product features

- Realizes high load even with a small spring height
- Shot peening applied for high fatigue resistance
- Coiling applied for reductions in material losses
- The functionality of a multi-layered spring all in one spring

Product applications

Clutch disc and clutch return springs for automatic transmission vehicle transmissions

