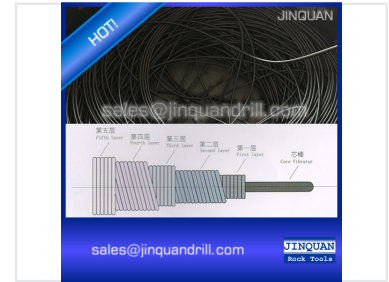


Flexible Shaft Cable

Flexible shaft cables are constructed with high-carbon steel and multiple layers for enhanced durability. These cables are suitable for transmitting rotational motion in hard-to-reach or complex configurations.



ADDITIONAL IMAGES

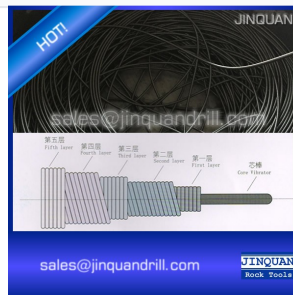


Overview

High-Performance Flexible Shaft Solutions

This premium variety of flexible shaft cables is engineered for high-durability power transmission in demanding industrial environments. Constructed from high-carbon steel, these shafts provide exceptional flexibility and precision for machine tools and rotary equipment. Their multi-layered design ensures smooth operation and reliable torque transmission even in complex geometries or confined spaces.

Material & Construction



Detailed internal structure showing the core vibrator and five-layer high-carbon steel winding.

Internal Structure

- Central Core Vibrator (芯轴)
- First Layer (第一层)
- Second Layer (第二层)
- Third Layer (第三层)
- Fourth Layer (第四层)
- Fifth Layer (第五层)

Material Grade

60# High-Carbon Steel, 70# High-Carbon Steel

Technical Specifications



Available in various diameters and configurations to meet specific industrial requirements.

Technical Parameters by Diameter

| Diameter (mm) | Tolerance (mm) | Layers | Torsion (10N.cm) | Weight (kg/100m) |
|---------------|----------------|--------|------------------|------------------|
| 6 | - | 4/5/7 | 5.8 | 16.2 |
| 6.5 | +0.00 | 4/5/7 | 6.2 | 18.7 |
| 8 | -0.10 | 4/5/7 | 10 | 28.8 |
| 9 | - | 4/5/7 | TBD | TBD |

Available Layer Configurations

4 Layers • 5 Layers • 7 Layers

Applications



High-quality flexible cable designed for power transmission in complex mechanical configurations.

Primary Applications

- Machine tools and industrial equipment
- Rotary tools and dental equipment
- Remote control mechanisms
- Precision machinery and robotics
- Power transmission in confined spaces

Performance Features

Performance Benefits

- High torque transmission capability
- Handles angular misalignment effectively
- Durable construction for long service life
- Smooth operation in complex geometries