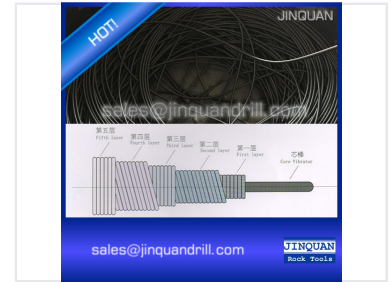


# Flexible Shaft Cable

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

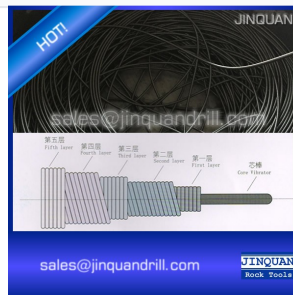


## Overview

### 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