



Mine Anchor Cable Series

MINE ANCHOR CABLES



Mainly made of high-strength low-relaxation prestressed steel strand with tensile strength above 1770MPa. Fixed by anchor devices and pallets, it is used for coal mine roadway and mine engineering support, effectively controlling surrounding rock deformation and ensuring operation safety, suitable for complex geological conditions such as soft and broken rock stratum.



PRODUCT PARAMETERS

Specification	Steel Strand Diameter (mm)	Steel Strand Structure	Steel Strand Cross-sectional Area (mm ²)	Maximum Steel Strand Force (kN)	Tensile Strength (MPa)	Elongation (%)	Total Strain ϵ_{apu} (%)	Anchor Device Efficiency Coefficient	Matched Anchor Device
SKP18-1/1860	17.8	1×7	250.2	≥ 355	≥ 1860	≥ 3.5	≥ 2.0	≥ 0.95	KM18-1860
SKP19-1/1860	18.9	1×7	280.4	≥ 409	≥ 1860	≥ 3.5			KM19-1860
SKP22-1/1770	21.6	1×7	366.4	≥ 504	≥ 1770	≥ 3.5			KM22-1770
SKP22-1/1860	21.8	1×19S	375.0	≥ 583	≥ 1860	≥ 3.5			KM22-1860
SKP29-1/1860	28.6	1×19W	659.0	≥ 990	≥ 1860	≥ 3.5			KM29-1860
SKP35-1/1860	34.6	1×19W	948.6	≥ 1765	≥ 1860	≥ 3.5			KM35-1860