



Mine Anchor Cable Anchor Device Series

MINING ANCHOR CABLES AND ANCHORAGES

Used to fix anchor cables and transfer surrounding rock stress to stable rock stratum. Common specifications are adapted to anchor cables of 15.24mm-34.6mm, etc.; made of 40Cr high-quality carbon structural steel through vacuum heat treatment and quenching and tempering; the anchor device efficiency coefficient ≥ 0.95 , which can effectively prevent anchor cable relaxation and slipping, and ensure roadway support safety.



Ordinary Series of Mine Anchor Cable Anchor Devices



Q Series of Mine Anchor Cable Anchor Devices

PRODUCT PARAMETERS

Common Specification	Applicable Steel Strand Diameter	Anchor Device Efficiency Coefficient η_a	Total Strain ϵ_{apu} of Assembly at Ultimate Tensile Force	Fatigue Performance Test Cycle Times	Cyclic Load Test Cycle Times	Clip Hardness	Anchor Ring Hardness	Heat Treatment Method	Surface Treatment
KM15 - 1860 KM15-1860(Q)	$\Phi 15.24\text{mm}$	≥ 0.95	$\leq 2\%$	$\geq 2,000,000$	50	58-62HRC	27-34HRC	Clip: Carbonitriding (case depth 0.55-0.70mm); Anchor Ring: Quenching and Tempering	Blackening and Rust Prevention for Anchor Ring and Clip
KM18 - 1860 KM18-1860(Q)	$\Phi 17.8\text{mm}$								
KM19 - 1860 KM19-1860(Q)	$\Phi 18.9\text{mm}$								
KM22 - 1770 KM22-1770(Q)	$\Phi 21.6\text{mm}$								
KM22 - 1860 KM22-1860(Q)	$\Phi 21.8\text{mm}$								
KM29 - 1860	$\Phi 28.6\text{mm}$								
KM35 - 1860	$\Phi 34.6\text{mm}$								